

CV

Name of Agency:		WAPCOS Ltd.	
Name of Professional:		Sachin Kansal	
Position:		TEAM LEADER	
Date of Birth:		21.08.1982	
Country of Citizenship/ Residence:		India	
Education:			
S. No.	Name of Institution	Degree Obtained	Year of Obtainment
1.	SUSCET, Tangori, Mohalli, PTU, Jalandhar	B.Tech (Electrical),	2005
2.	Thapar University, Patiala	M.E(EIC)	2007
Countries of Work Experience: India, Bhutan			
Employment Record: He has more than 18 years of experience in the field of Power Transmission, Distribution & Generation sector with expertise in Major Electrical infrastructures/equipments. Preparing Strategies for increasing the productivity/Quality of Centre Sector Schemes.			
S. No.	Name of Organisation	Position Held	Duration
1	WAPCOS Limited, Chandigarh	Engineer (Electrical)	Feb 2012 to till date
2	Power Grid Corporation of India Ltd. (PGCIL), Chandigarh/Patiala	Asst. Engineer	Jan 2009 to Dec 2011
3	Jindal Steel & Power Limited(JSPL), Raigarh, Chattisgarh	Engineer	July 2007 to Dec 2008
Total Work Experience (Relevant) (in Years): 18 years			
Brief Write-up of the overall experience: Work Experience:			
Detailed Tasks Assigned		Reference to Prior Work/ Assignments that Best Illustrate Work Experience	
		<p>Name of Project: Project Implementing Consultant (PIC) to assist MPPMCL and Discoms during Implementation of Smart Metering/AMI Project</p> <p>Funding Agency: KFW German Development Bank</p> <p>Year: March,2025 till now</p> <p>Client: MPPMCL, Bhopal</p> <p>Project Details:</p> <ul style="list-style-type: none"> • Main Project Features: Smart Meters and Advanced Metering Infrastructure (AMI) including, among others • Single Phase Smart Meter with Box; • Three Phase Smart Meter with Box; • DT Meter with Box; • Communication Network (e.g. RF/GPRS/PLCC) Interface Cards for Meter; • Gateway/Access Point/DCU (Data Concentration Unit); • HES; • AMI excluding the MDM System (hardware, software, etc.). <p>Project Implementing Consultant (PIC) to assist the MPPMCL during Project implementation.</p>	

Position Held: PROJECT MANAGER

Activities Performed:

- Overall management for the PIC's project team and short-term experts;
- Overall responsibility for project supervision, commissioning and training measures;
- Organization of initial kick-off meeting;
- Monitor the implementation supervision, and commissioning;
- Overall responsibility for communication with PEA;
- Preparation of project deliverables and coordination of the technical (engineering, legal, procurement, ESHS etc.) inputs provided by the project team and short-term consultants - Provision of technical input in the preparation of project deliverables according to own area of expertise;
- Review and approval of project reports and other deliverables; - Issue instructions to the Contractor (including variation orders), within the limits of his/her authority;
- Organization of monthly progress and other meetings, including site visits and tests; Review and approval of as-built and operation documents;
- Review and approval of ESMP for implementation and operational phase. - Representation of the PIC in contract claims;
- Short-term back-up for individual members of the PIC's project team;
- - Participation on and attestation of Factory Acceptance Tests (FATs) and Site Acceptance Test (SATs);
- Incidental services during the Defect Notification Period and in the event of bid challenges and Contract claims

Name of Project: SCADA/DMS Implementation in Kollam, Thrissur and Kannur (Group A Towns) for Kerala State Electricity Board Ltd (KSEBL) and Thrissur Corporation Electricity Department (TCED) in Kerala, under RDSS

Funding Agency: GOI 60% Grant

Year: Nov 2022 till Feb,2025

Client: KSEBL, Kerala

Project Details:

- **Main Project Features:** 3 Nos.

	<p>SCADA/DMS towns in Kollam, Thrissur and Kannur (Group-A towns) with SCADA/DMS control centres at each town for advanced Distribution Management system with real time monitoring & control of GIS mapped 11kv Distribution network including Outage management system, Trouble Call management, Crew Dispatch & work management system, etc.</p> <ul style="list-style-type: none"> • 260 No. 11kV outgoing feeders in 24 substations are proposed to be integrated to 3 Nos. SCADA/DMS Control Centers. • Total of 1915 Nos. FRTU integrated RMU locations of various RMU configurations [including TCED (Thrissur Corporation Electricity Department-299 nos.), 141 FRTUs(TCED) are proposed to be installed & integrated in the three SCADA/DMS towns, viz. Kollam (701 RMU locations), Thrissur (844 RMU locations) & Kannur (370 RMU locations). • The 11kV distribution network will be mapped in GIS and will be integrated with the SCADA Control Center for real time monitoring & management of distribution network. • A common Disaster Replica Recovery Center (DRR Center – Back up SCADA Control Center) is to be installed at Ernakulam, so that upon non-availability/failure of any of the SCADA Control Centers, the operation of that town shall be made possible from the DRR Center. <p>Position Held: Team Leader SCADA RDSS</p> <p>Activities Performed:</p> <ul style="list-style-type: none"> • Project management and monitoring • Finalization & approval of GTP, Technical specifications, drawings, of equipment to be installed, civil & electrical design layouts (If required). • CONTRACT MANAGEMENT ACTIVITIES • PROJECT MANAGEMENT • Quality Assurance • Co-ordination with implementing agency/turnkey contractor and DISCOM to monitor the supply chain of materials. • Maintenance of MIS related to the project, progress reports and details required for
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	<p>Results Evaluation Framework.</p> <ul style="list-style-type: none"> • Identification of anticipated bottlenecks in project implementation & preparation of remedial action plan. • Coordination and reporting to various stakeholders including MoP and Nodal agencies. • Fund flow management and recommend the claim of DISCOM for fund release
	<p>Name of Project: Providing Consultancy Services for assisting and supporting in Project Management to UHBVN under “Revamped Reforms-Linked Results-Based Distribution Sector Scheme (UHBVN)</p> <p>Year: 2021-2022</p> <p>Client: UHBVN, Haryana</p> <p>Funding Agency: GOI 60% Grant</p> <p>Project Details:</p> <p>Main Project Features:</p> <ul style="list-style-type: none"> • Reduction of AT&C losses to pan-India levels of 12-15% by 2024-25. • Reduction of ACS-ARR gap to zero by 2024-25. • Improvement in the quality, reliability and affordability of power supply to consumers through a financially sustainable and operationally efficient distribution sector. <p>Position Held: Distribution Expert</p> <p>Activities Performed:</p> <ul style="list-style-type: none"> • Finalization & approval of GTP, Technical specifications, drawings, of equipment to be installed, civil & electrical design layouts (If required). • Quality Assurance • Co-ordination with implementing agency/turnkey contractor and UHBVN to monitor the supply chain of materials. • Maintenance of MIS related to the project, progress reports and details required for Results Evaluation Framework. • Identification of anticipated bottlenecks in

	<p>project implementation & preparation of remedial action plan.</p> <ul style="list-style-type: none"> • Coordination and reporting to various stakeholders including MoP and Nodal agencies. • Fund flow management and recommend the claim of UHBVN for fund release.
	<p>Name of Project: DDUGJY, UHBVN, Haryana Year: Feb 2017 to October, 2022 Client: CE/PD&C, UHBVN, Panchkula, Haryana Project Details: Main Project Features: Ministry of Power, Government of India has launched the Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY) for Rural Electrification. The focus of the scheme is on feeder separation (rural households & agricultural) and strengthening of sub-transmission & distribution infrastructure including metering Position Held: Engineer Activities Performed:</p> <ul style="list-style-type: none"> • Preparation & review of Bid documents including Commercial term and conditions, Technical Specifications, BOQ etc. • Technical evaluation of bids, pre bid meetings, LOA & finalization of Bill of Quantities etc. • Coordination & monitoring of project implementation activities, preparation of consolidated monthly physical & financial progress, worked on expediting progress, recommendation of claims to utility & supervision of fund flow. • Quality Monitoring – Carried out field inspection of ongoing / completed works • Managing MIS & Web-Portal of both schemes i.e. DDUGJY for timely updating of information. • Preparation of periodic reports of progress & presentations for meetings. • Preparation and recommendation of Closure of the schemes in the prescribed formats of Gol.
	<p>Name of Project: 400 kV D/C Transmission Line MTLP, Bhutan for Bhutan Power Corporation (BPC) Year: Feb, 2012 to Dec 2015 Client: Project Details: Trongsa, Bhutan Main Project Features: 400kV D/C Transmission lines for Power Evacuation from Mangdechhu Hydro Electric</p>

	<p>Project, Trongsa, Bhutan</p> <p>Position Held: Engineer</p> <p>Activities Performed:</p> <ul style="list-style-type: none"> • Site visit, Project execution planning, monitoring and site supervision • Preparation of Daily, Monthly, Quarterly report and Conduct project presentations. • Installation, Testing, Commissioning
	<p>Name of Project: 400kV D/C Transmission Line Patiala to Ludhiana, Laltokalan(PGCIL POWERGRID)</p> <p>Year: Jan 2009 to Dec 2011</p> <p>Client: Power Grid Corporation of India Limited(PGCIL)</p> <p>Project Details: 400/220kV S/S Fagganmajra, Patiala</p> <p>Main Project Features: 400kV D/C Transmission lines for power evacuation</p> <p>Position Held: Asst. Engineer</p> <p>Activities Performed:</p> <ul style="list-style-type: none"> • Site visit, Project execution planning, monitoring and site supervision and estimation of all electrical works and procurement of materials. • Preparation of Daily, Monthly, Quarterly report and Conduct project presentations. • Installation, Testing, Commissioning.
	<p>Name of Project: 220/66kV S/Stn. Main Receiving Substation</p> <p>Year: July 2007 to Dec 2008</p> <p>Client: Jindal Steel & Power Limited(JSPL), Chattisgarh</p> <p>Project Details: Raigarh, Chattisgarh</p> <p>Main Project Features: 220/66kV S/Stn. Supplying of uninterrupted Power to different units</p> <p>Position Held: Engineer (Electrical)</p> <p>Activities Performed:</p> <ul style="list-style-type: none"> • Lighting and Power layout plan, Electrical Equipment layout plan. • LT Panel & HT Panel, FDB, LIFT Panel, UPS Panel, Installation as per approved drawing. • Cable Tray installation, Cable Laying, Gladding and Termination to all panels and equipments as per drawing. • Execution of all electrical installation including conduiting, wiring, cabling and end terminations and straight through joints. • Installation, testing and commissioning of LT& HT Panels,

	<ul style="list-style-type: none"> • Design of Power System Layout including Load Calculations. • Voltage Drop Calculations, Cable Selection & Transformer Selection. • Responsible for Preparation of Bill of Quantity of Materials for Projects. • Testing and Installation of Electrical Equipments.
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Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available to undertake the assignment/project in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification by the client.

Name of Expert

Signature

Date

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