

Curriculum Vitae (CV)

Position Title and No.:	Sr. Engineer – Electromechanical Systems Power Generation
Name of Expert:	Samir Kumar Paul
Date of Birth:	04/10/1949
Country of Citizenship/Residence	Indian

- Education:**
- Bachelor of Electrical Engineering (BEE) in 1971 from Jadavpur University, Kolkata, India
 - Section B Examination in Mechanical Engineering in 1977 equivalent to Mechanical Engineering from The Institution of Engineers (India)

Employment record relevant to the assignment:

Period:	Employing Organization: Title of Position held: Type of Employment: For Reference:	Country	Summary of Activities Performed Relevant to the Assignment:
2014 to 2015 & 2017 to till Date	SATCON, INDIA General Manager	India	Detail engineering works, Bid evaluation, Tender document review, Design engineering of 400kV, 220kV, 33kV substations. Inspection, site visits, ISO Quality Management and Assurance.
2011 to 2014 & 2016 to 2017	Development Consultants Pvt. Ltd	India	Project management service, review of Drawings & documents of 400kV Evacuation System & 132kV Station power system and MV & LV Aux. Power Distribution system of 2x363.3MW Combined Cycle Gas Turbine Power Station at Tripura, India.
2010	Vedant Aluminium Ltd, Odisha	India	9x135MW Captive power plant, MV & LV Aux. power system.
1991 to 2010	CESC Ltd., Kolkata	India	Review of drawings & documents related to 220kV Power Evacuation system of 3x250MW Budge Budge Power Plant
1984 to 1991	West Bengal Power Development Corporation	India	Complete review of Design of Electrical Power Generation, Aux. System and Evacuation System of 3x210MW Kolaghat thermal power project.
1974 to 1984	West Bengal State Electricity Board	India	Review of Complete electrical system of Power Evacuation, Station Power supply system and Aux. MV & LV power distribution system of 4x120MW Santaldih Thermal Power Plant.

Membership in Professional Associations and Publications:

- Member of Institute of Engineers (MIE), India

Language Skills:

	Speaking	Reading	Writing
English	Excellent	Excellent	Excellent
Hindi	Excellent	Excellent	Excellent
Bengali	Excellent	Excellent	Excellent

Adequacy for the Assignment:

Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks	
<p>Name of project:</p> <p>Year:</p> <p>Location:</p> <p>Client:</p> <p>Main project features:</p> <p>Position held:</p> <p>Activities performed:</p>	<p>01. Electric Power Distribution System for Meli Gold Mining and Processing Plant</p> <p>2017</p> <p>Ethiopia</p> <p>Ezana Mining Development PLC, Ethiopia in association with Industrial Projects Service, Addis Ababa, Ethiopia</p> <p>Project implementation supervision consultancy service</p> <p>Commissioning Expert of Development Consultants International Ltd, Hong Kong</p> <p>Pre-commissioning checks of Electrical & Instrumentation system & commissioning at 35 TPH Meli Gold Processing & Recovery Plant</p>
<p>Name of project:</p> <p>Year:</p> <p>Location:</p> <p>Client:</p> <p>Main project features:</p> <p>Position held:</p> <p>Activities performed:</p>	<p>02. 1x20MW Captive Power Plant in Senegal</p> <p>2016</p> <p>Senegal</p> <p>INDORAMA</p> <p>Reviewing of Design by Turn-Key Contractor & erection/commissioning assistance</p> <p>Electrical Commissioning Engineer of Development Consultant Pvt. Ltd, Kolkata</p> <p>Commissioning of Electrical system of 20MV coal fired Captive Power Plant having CFBC boilers at ICS Indorama, Senegal, West Africa</p>
<p>Name of project:</p> <p>Year:</p> <p>Location:</p> <p>Client:</p> <p>Main project features:</p> <p>Position held:</p> <p>Activities performed:</p>	<p>03. Installation of 2x500MVA, 400/220kV Transformer bay extension and 1x125MVAR Bus reactor at Maithon, 1x500MVA, 400/220kV Transformer bay extension at Mujaffarpur and 1x160MVA, 220/132kV Transformer bay extension of Ara substation of Power Grid Corporation of India Ltd</p> <p>2014-2015</p> <p>India</p> <p>Toshiba Transmission & Distribution System (India)Pvt Ltd</p> <p>Design & Engineering for installation of 400/220kV and 220/132kV Transformers, shunt reactors and respective bays</p> <p>Design & Engineering Manager</p> <p>Overall Coordination, Project Management, Construction Management. Business Development.</p>
<p>Name of Project</p> <p>Year:</p> <p>Location:</p> <p>Client:</p> <p>Main project features:</p> <p>Position held:</p> <p>Activities performed:</p>	<p>04. Project Management & implementation supervision Consultancy service of 2x363.3 MW Combined Cycle Power Project</p> <p>2011-2014</p> <p>India</p> <p>ONGC Tripura Power Company Ltd.</p> <p>Project monitoring & supervision of Gas based Combined Cycle Power Project</p> <p>Dy. General Manager</p> <p>Developed commissioning, Operation & Maintenance Procedures of different system & equipment. Monitoring & supervision from erection stage up to operation of Plant on behalf of the owner</p>
<p>Name of project:</p> <p>Year:</p> <p>Location:</p> <p>Client:</p> <p>Main project features:</p>	<p>05. 9 x 135MW Captive power plant in Orissa, India</p> <p>2010</p> <p>India</p> <p>Vedant Aluminium Ltd. Odisha, India</p> <p>Solution of problem faced during running of High Concentrated Slurry Disposal system (HCSO)</p>

Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks	
Position held:	Power Plant Consultant
Activities performed:	Technical assistance for Fly ash & Bottom ash evacuation by HCS D system.
Name of project:	06. Budge Budge Power Generating Project
Year:	1997-2010
Location:	India
Employer:	CESC Ltd.
Main project features:	Commissioning & Operation of 3x250 MW coal based power plant
Position held:	Sr Deputy Manager
Activities performed:	Commissioning of 250 MW Unit no. 2 at 2x 250 MW Budge Budge Thermal Power Station. Major areas were Transformers, HV & LV Motors, 6.6 KV & 415 V Sw. Gr., MCC, emergency DC system & drives, Switchyard. Maintenance of Electrical system of 2x250 MW Budge Budge Plant
Name of project:	07. Kasba Gas Turbine Power Generating Plant
Year:	1991-1997
Location:	India
Employer:	CESC Ltd.
Main project features:	Operation & Maintenance of Gas Turbine Power Plant
Position held:	Asstt. Manager
Activities performed:	Operation & maintenance of GE design Frame-5 2X 20 MW Kasba Gas Turbine Machines.
Name of project:	08. Kolaghat Thermal Power Project
Year:	1984-1991
Location:	India
Employer:	West Bengal Power development Corporation Ltd.
Main project features:	Commissioning & Operation of 3x210 MW Power Plant
Position held:	Divisional Engineer
Activities performed:	Commissioning, Operation & Maintenance of 3X210 MW Kolaghat Thermal Power Stations, Stage-1, West Bengal. Responsible for maintenance of Electrical system of Main Plant & Coal Handling Plant
Name of project:	09. 4x120MW Santaldih Thermal Power Project
Year:	1974-1984
Location:	India
Employer:	West Bengal State Electricity Board
Main project features:	Thermal Power Plant Electrical system, EHV Switch yard
Position held:	Engineer
Activities performed:	Commissioning, Operation & Maintenance of electrical system of 120 MW BHEL make Turbine Generator sets

Expert's contact information: samir.paul@satcon.in

Phone : +91-9831286778

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 in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the Client, and/or sanctions by the Bank.

SAMIR KUMAR PAUL

23/10/2018

Name of Expert

Signature

Date

SATYAKI MUKHERJEE

23/10/2018

Name of authorized
Representative of the Consultant
(the same who signs the Proposal)

Signature

Date