

## CURRICULUM VITAE (CV)

<b>Position Title and No.</b>	<i>PROJECT DIRECTOR</i>
<b>Name of Expert:</b>	<i>Satyaki Mukherjee</i>
<b>Date of Birth:</b>	<i>01/12/1967</i>
<b>Country of Citizenship/Residence</b>	INDIA

### Education:

**B.E. Electrical (1<sup>st</sup> class) from Jadavpur University, Kolkata in 1989.**

### Employment record relevant to the assignment:

Period	Employing organization and your title/position. Contact information for references	Country	Summary of activities performed relevant to the Assignment
January 2004 - present] – Appx. 15 years	Proprietor at SATCON  For references: Tel. +919831286778/ e-mail: <a href="mailto:paul.samir1949@gmail.com">paul.samir1949@gmail.com</a> ; Mr. Samir Kumar Paul, General Manager	India	Site visits, Data collection, Assistance to contour survey and Geotechnical investigation team, Basic Engineering, Preparation of Bid documents and bid drawings, Issuing clarifications to bidders, Bid evaluations and recommendation report, Contract negotiation meetings and finalization of contractor, Full detail engineering for 400/220/132/33kV AIS/GIS substations and Transmission lines in India and abroad, Vendor drawings review and approval for all type of equipment and materials required in EHV T&D projects , Inspection of FAT at manufacturer's shop.  In addition, as Proprietor of the firm, I undertake other responsibilities of Marketing, Sales, Adherence to Quality Management System (ISO-9001), Project Management for all running projects, Occasional site supervision, Sales, Man power resources, Public relations, Vendor development and management etc.

Period	Employing organization and your title/position. Contact information for references	Country	Summary of activities performed relevant to the Assignment
January 2000 to December 2003 – Appx. 4 years	Engineer-I at Saudi Electricity Company (SEC-East), Dammam HQ.  For references: Tel. +919433339540/ e-mail: <a href="mailto:sanjoy.guha58@gmail.com">sanjoy.guha58@gmail.com</a> ; Mr. Sanjoy Guha, My colleague in Saudi Arabia	Kingdom of Saudi Arabia (KSA)	Design and Project Engineering of 380/230/132/115/34.5kV GIS/AIS substations and Gas Turbine power plants. Management and Supervision of Sub Consultant's work for Power plant and EHV Substation Designs and Drawings.
December 1999 to December 2000 – Appx 1 year	Sr. Project Engineer in Development Consultants Pvt. Ltd. (DCPL), Kolkata, India.  For references: Tel. +919331823851/ e-mail: <a href="mailto:chaudhuryk@yahoo.com">chaudhuryk@yahoo.com</a> ; Mr. Jiban K. Choudhury, Director, Electrical, DCPL.	India	Electrical design/ project engineering, erection supervision activities at site and commissioning in the field of thermal power plants (coal fired/ oil fired/ gas), industrial co-generation plants, captive power plants, chemical & mineral beneficiation projects, HV/EHV outdoor/indoor/GIS substations (upto 400kV) and material handling plants.
October 1998 to November 1999 – Appx. 1 year	Sr. Electrical Engineer in The Kuljian Corporation (TKC), Philadelphia, USA.  For references: Tel. +919331823851/ e-mail: <a href="mailto:chaudhuryk@yahoo.com">chaudhuryk@yahoo.com</a> ; Mr. Jiban K. Choudhury, Director, Electrical, DCPL.	USA	--- do ---
July 1989 to September 1998 – Appx. 10 years	Design Engineer and then Sr. Design Engineer in Development Consultants Pvt. Ltd. (DCPL), Kolkata, India.  For references: Tel. +919331823851/ e-mail: <a href="mailto:chaudhuryk@yahoo.com">chaudhuryk@yahoo.com</a> ; Mr. Jiban K. Choudhury, Director, Electrical, DCPL.	India	--- do ---

**Membership in Professional Associations and Publications:**

Fellow - Institute of Engineers, India.  
Chartered Engineer (IEI), India  
Member – IEEE

**Language Skills (indicate only languages in which you can work):**

- English (Read, write, speak)
- Bengali (Read, write, speak)
- Hindi (Read, speak)

**Software Skills:**

- ETAP Load flow, Short circuit, Motor starting, Transformer sizing studies.
- Autocad 2018
- MS Office
- PLS CADD

**Adequacy for the Assignment (Only a few experiences are shown below) :**

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>Project funded by :</p>	<p><b>01. 220/132kV New Substation and 220kV D/C Transmission line at Maithon, W.B, India.</b></p> <p>2018 - Present</p> <p>Maithon, West Bengal, India</p> <p>M/s India Power Corporation Ltd., Kolkata (An Utility company) (IPCL)</p> <p>Construction of 220/132kV, 2x80MVA AIS substation and 220kV D/C Transmission line, 10km.</p> <p>Project Manager</p> <p>Site visit, Data Collection, Basic Engineering, Preparation of Technical specifications and Tender drawings, Preparation of Bid documents, Bid clarifications, Bid evaluations, Assistance for contractor finalization, Vendor drawing review and approval. Project Management and Supervision, Inspection of FAT at manufacturer's works.</p> <p>IPCL</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>Project funded by :</p>	<p><b>02. 220/132/33kV, 2x150MVA, 2x50MVA Grid Station at Godda and 220/132kV, 2x150MVA Grid station at Garhwa of JUSNL in Jharkhand, India.</b></p> <p>2017-18 (Running)</p> <p>Jharkhand, India</p> <p>M/s Jakson Limited, Delhi, India (EPC Contractor)</p> <p>Construction of new 220/132/33kV Grid Substations at Godda and Garhwa of Jharkhand Urja Sancharan Nigam Ltd. (JUSNL).</p> <p>Project Manager</p> <p>Site visit, Data collection, Coordination with JUSNL to obtain approval of drawings, Preparation of Technical specifications, Detail engineering drawings for Electrical, Civil, Structural, SCADA, HVAC, Fire protection and PLC Communication systems, Inspection of FAT at manufacturer's works.</p> <p>JUSNL, Govt of Jharkhand</p>
<p>Name of project:</p> <p>Year:</p>	<p><b>03. 220/132/33kV, 2x160MVA GIS substation at Sagardighi of WBSETCL, West Bengal, India.</b></p> <p>2016-17</p>

Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks	
Location: Client: Main project. features: Position held: Activities performed:	West Bengal, India M/s Godrej & Boyce Mfg. Co. Ltd., Mumbai, India (EPC Contractor) 220/132/33kV, 2x160MVA new GIS Substation with remote F.O links. Project Manager Site visit, Data collection, Coordination with WBSETCL to obtain approval of drawings, Preparation of Technical specifications, Detail engineering drawings for Electrical, Civil, Structural, SCADA, HVAC, Fire protection and F.O Communication systems, Inspection of FAT at manufacturer's works. WBSETCL, Govt of West Bengal
Project funded by :	
Name of Project  Year: Location: Client: Main project. features:  Position held: Activities performed:	<b>04. Upgrade of Freetown Primary Distribution Network for Energy Access Project, Ministry of Energy (MOE), Sierra Leone</b>  2015 - 2017 Freetown, Sierra Leone. M/s BES Europe Ltd., UK Expansion of 161/33kV Kingtom Substation by installing 1x40MVA Transformer with bays, New 33kV Switchyard at Kingtom Substation, Installation of a new 33/11kV PSS at Ropoti, Renovation/Upgradation of existing 33/11kV Substations at Wellington, Wilberforce and Blackhall, Construction of 8km long 33kV overhead line on slim lattice towers. Project Manager. Site visit, Data collection, Coordination with MOE & EDSA to obtain approval of drawings, Preparation of Technical specifications, Detail engineering drawings for Electrical, Civil, Structural, SCADA/SOE-DRS, HVAC and Fire protection systems, Inspection of FAT at manufacturer's works in India and abroad. The job also included visits to site for interactions with MOE, EDSA, Site construction team for management and supervision of Erection, Testing and Commissioning. World Bank.
Project funded by :	
Name of project:  Year: Location: Client: Main project. features:  Position held: Activities performed:	<b>05. Construction, Rehabilitation and Reinforcement of 330/132kV and 132/33kV Transmission Substations of TCN, Nigeria (Lot2, .</b>  2016 - 2017 New Kano, Billiri & Gusau, Nigeria M/s Supreme & Co. Pvt. Ltd., Kolkata (EPC Sub Contractor) 330/132/33kV, 2x150MVA, 2x60/66MVA new Substation at New Kano, 132/33kV, 2x60/66MVA new Substation at Billiri and Reinforcement of 132/33kV, 1x60/66MVA Gusau Substation of Transmission Co. of Nigeria (TCN) Project Incharge Site visit, Data collection, Coordination with TCN & Project Consultant (AF Consult) to obtain approval of drawings, Preparation of Technical specifications, Detail engineering drawings for Electrical, Civil, Structural, SCADA, HVAC, Fire protection and PLC Communication systems, Inspection of FAT at manufacturer's works. World Bank.
Project funded by :	
Name of project:  Year: Location: Client: Main project. features: Position held: Activities performed:	<b>06. 132/33kV, 2x50MVA GIS substation at Debra of WBSETCL, West Bengal, India.</b>  2017 - Present West Bengal, INDIA M/s Bajaj Electricals Ltd., Mumbai, India (EPC Contractor) Construction & Supervision of Hydro Power Plant & substation Project Incharge Site visit, Data collection, Coordination with WBSETCL to obtain approval of drawings, Preparation of Technical specifications, Detail engineering drawings for Electrical, Civil, Structural, SCADA, HVAC, Fire protection and F.O Communication systems, Inspection of FAT at manufacturer's works.

Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks	
Project funded by :	WBSETCL, Govt of West Bengal
Name of project:	<b>07. 220/20kV, 4x16MVA Outdoor Substation at Pule Alam and 110/20kV, 2x20MVA Outdoor Substations at Pushmol &amp; Maiwand of US Army Corps of Engineers, Afghanistan.</b>
Year:	2015-2016
Location:	Logar Province and Kandahar Province, Afghanistan
Client:	M/s Assist Consultant Inc. (EPC Contractor)
Main project. features:	Construction of new 220/20kV, 4x16MVA Outdoor Substation at Pule Alam (Logar province) and 110/20kV, 2x20MVA Outdoor Substations at Pushmol & Maiwand (Kandahar Province) of US Army Corps of Engineers, Afghanistan.
Position held:	Project In charge.
Activities performed:	Study of the Technical specification, Load flow and short circuit study, Basic Engineering, Preparation of Technical specifications, Detail engineering drawings for Electrical, Civil, Structural, SCADA, HVAC, Fire protection and F.O/VHF Communication systems, Inspection of FAT at manufacturer's works in India and abroad.
Project funded by :	US Army Corps of Engineers, Afghanistan.
Name of project:	<b>08. 220/132/33kV, 2x150MVA, 2x50MVA Grid Station at Chatra and 132/33kV, 2x50MVA Grid station at Tamar of JUSNL in Jharkhand, India.</b>
Year:	2013-2015
Location:	Jharkhand, INDIA
Client:	Flowmore Ltd., INDIA (EPC Contractor)
Main project. features:	Construction of new 220/132/33kV Grid Substation at Chatra and 132/33kV Grid Substation at Tamar of Jharkhand Urja Sancharan Nigam Ltd. (JUSNL).
Position held:	Project In charge.
Activities performed:	Site visit, Data collection, Coordination with JUSNL to obtain approval of drawings, Preparation of Technical specifications, Detail engineering drawings for Electrical, Civil, Structural, SCADA, HVAC, Fire protection and PLC Communication systems, Inspection of FAT at manufacturer's works.
Project funded by :	JUSNL, Govt of Jharkhand
Name of project:	<b>09. 400/220/132kV, 2x315MVA, 2x160MVA Substation at Jammalamadugu of APTRANSCO in Andhra Pradesh, India.</b>
Year:	2013-2015
Location:	Andhra Pradesh, INDIA
Client:	Techno Electric & Engineering Co. Ltd., Kolkata, INDIA (EPC Contractor)
Main project. features:	Construction of new 400/220/132kV, 2x315MVA, 2x160MVA Substation at Jammalamadugu of APTRANSCO in Andhra Pradesh, India.
Position held:	Project In charge.
Activities performed:	Site visit, Data collection, Coordination with APTRANSCO to obtain approval of drawings, Preparation of Technical specifications, Detail engineering drawings for Electrical works, Vendor drawing review and approvals.
Project funded by :	APTRANSCO, Govt of Andhra Pradesh
Name of project:	<b>10. 220/132/33kV new Substation at Howrah Foundry park and 400/220kV Transformer bay extensions at Arambag, Jeerat, Laxmikantapur, and Uluberia of WBSETCL.</b>
Year:	2011-2013

Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks	
<p>Location: Client: Main project. features:</p> <p>Position held: Activities performed:</p> <p>Project funded by :</p>	<p>West Bengal, INDIA Siemens Ltd., Kolkata, INDIA (EPC Contractor) Construction of new 220/132/33kV, 2x160MVA, 2x50MVA Substation at Foundry Park, 1x400/220kV, 315MVA Transformer bay extension at Arambag &amp; Jeerat Substations, 132/33kV, 50MVA Transformer bay extension at Uluberia of WBSETCL in West Bengal, India.</p> <p>Project Manager. Site visits, Data collection, Study of the Technical specification, Load flow and short circuit study, Basic Engineering, Preparation of Technical specifications, Detail engineering drawings for Electrical works, Vendor drawing review and approvals.</p> <p>WBSETCL, Govt of West Bengal</p>
<p>Name of project:</p> <p>Year: Location: Client: Main project. features:</p> <p>Position held: Activities performed:</p> <p>Project funded by :</p>	<p><b><i>11. 132/33/6.6kV GIS substation and downstream ring main system for Construction power system of NMDC for 3 MTPY Integrated steel plant at Nagarnar.</i></b></p> <p>2011-2013 Chattisgarh, INDIA KEC International Ltd., Gurgaon, INDIA (EPC Contractor) Construction of new 132/33/6.6kV, 1x31.5MVA, 2x16/20MVA GIS Substation at Nagarnar, Chattisgarh India.</p> <p>Project In charge. Site visits, Data collection, Study of the Technical specification, Load flow and short circuit study, Basic Engineering, Preparation of Technical specifications, Detail engineering drawings for Electrical works, Vendor drawing review and approvals.</p> <p>NMDC, Govt of India</p>
<p>Name of project:</p> <p>Year: Location: Client: Main project. features:</p> <p>Position held: Activities performed:</p> <p>Project funded by :</p>	<p><b><i>12. 400/33kV switchyard of 4x270MW Thermal power plant of Abhijit Infra Pvt. Ltd. in Jharkhand.</i></b></p> <p>2010-2012 Jharkhand, INDIA Areva T&amp;D India Ltd., Kolkata, INDIA (EPC Contractor) Construction of new 400/33kV, 2x62.5MVA Outdoor Substation at Latehar, Jharkhand, India.</p> <p>Project In charge. Site visits, Data collection, Study of the Technical specification, Load flow and short circuit study, Basic Engineering, Preparation of Technical specifications, Detail engineering drawings for Electrical works, Vendor drawing review and approvals.</p> <p>Abhijit Group</p>
<p>Name of project:</p> <p>Year: Location: Client: Main project. features:</p> <p>Position held:</p>	<p><b><i>13. Consultancy services including Project Management and Site Supervision services for 33kV ring main system comprising of 33kV overhead line and including 11nos. 33/0.433kV substations for National Institute of Technology (NIT), Rourkela, Orissa, India.</i></b></p> <p>2009-2011 Raurkela, Orissa, INDIA National Institute of Technology (NIT), Raurkela, INDIA (University) Consultancy services including Project Management and Site Supervision services for 33kV ring main system comprising of 33kV overhead line and including 11nos. 33/0.433kV substations.</p> <p>Project In charge.</p>

Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks	
Activities performed:	Site visit, Data Collection, Basic Engineering, Preparation of Technical specifications and Tender drawings, Preparation of Bid documents, Bid clarifications, Bid evaluations, Assistance for contractor finalization, Vendor drawing review and approval. Project Management and Supervision, Inspection of FAT at manufacturer's works.
Project funded by :	NIT, Raurkela
Name of project:	<b>14. Consultancy services including Project Management and Site Supervision services for 220/33kV Outdoor Substation and 3km 220kV Transmission line.</b>
Year:	2009-2010
Location:	Barbil, Orissa INDIA
Client:	Jindal Steel & Power Ltd. (JSPL), Barbil, INDIA (Steel Producer)
Main project. features:	Consultancy services including Project Management and Site Supervision services for 220/33/0.433kV , 2x25 MVA substation and 3km 220kV Overhead line.
Position held:	Project In charge.
Activities performed:	Site visit, Data Collection, Basic Engineering, Preparation of Technical specifications and Tender drawings, Preparation of Bid documents, Bid clarifications, Bid evaluations, Assistance for contractor finalization, Vendor drawing review and approval. Project Management and Supervision, Inspection of FAT at manufacturer's works.
Project funded by :	JSPL, Barbil
Name of project:	<b>15. 2x400kV bay extension at 400/220kV Switchyard of Power Grid Corporation of India Ltd. (PGCIL).</b>
Year:	2008-2009
Location:	Ranchi, Jharkhand, INDIA
Client:	Areva T&D India Ltd., Kolkata, INDIA (EPC Contractor)
Main project. features:	Extension of 2 400kV Line bays at existing 400/220kV Ranchi Grid substation, Jharkhand, India.
Position held:	Project In charge.
Activities performed:	Site visits, Data collection, Study of the Technical specification, Load flow and short circuit study, Basic Engineering, Preparation of Technical specifications, Detail engineering drawings for Electrical works, Vendor drawing review and approvals.
Project funded by :	Abhijit Group
Name of project:	<b>16. Five (5) nos. 132/33 kV substations (7x132 kV bays, 2x50MVA trafo, 9x33 kV bays) at Lohardaga, Latehar, Sahebganj, Pakur &amp; Kanke of Jharkhand State Electricity Board (JSEB), India..</b>
Year:	2007-2008
Location:	Jharkhand, INDIA
Client:	Areva T&D India Ltd., Kolkata, INDIA (EPC Contractor)
Main project. features:	Consultancy services for 132/33kV, 2x50MVA Substations at various locations of Jharkhand.
Position held:	Project In charge.
Activities performed:	Site visits, Data collection, Coordination with JUSNL, Study of the Tender specification, Load flow and short circuit study, Basic Engineering, Preparation of Technical specifications, Detail engineering drawings for Electrical works, Vendor drawing review and approvals.
Project funded by :	JUSNL, Govt. of Jharkhand.

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>Project funded by :</p>	<p><b>17. 132/33 kV, 2x50 MVA new substation and expansion of three (3) nos. 132 kV existing substations of West Bengal State Electricity Transmission Co. Ltd. (WBSETCL), West Bengal, India.</b></p> <p>2006-2008 West Bengal, INDIA Areva T&amp;D India Ltd., Kolkata, INDIA (EPC Contractor) Consultancy services for 132/33kV, 2x50MVA Substations at various locations of West Bengal. Project In charge. Site visits, Data collection, Coordination with JUSNL, Study of the Tender specification, Load flow and short circuit study, Basic Engineering, Preparation of Technical specifications, Detail engineering drawings for Electrical works, Vendor drawing review and approvals.</p> <p>WBSETCL, Govt of West Bengal.</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>Project funded by :</p>	<p><b>18. 33/0.42kV compact substations and 33kV Overhead lines for Mala Infill crude oil Well heads of White Nile Petroleum Operating Co. (WNPOC), Sudan.</b></p> <p>2006-2008 Sudan, Africa Supreme &amp; Co. Pvt. Ltd., Kolkata, INDIA (EPC Contractor) 33/0.4kV Compact Substations and 33kV overhead lines at various locations of Sudan for exploration of natural gas in Sudan. Project In charge. Site visits, Data collection, Coordination with Ram Energy (Client), Study of the Tender specification, Load flow and short circuit study, Basic Engineering, Preparation of Technical specifications, Detail engineering drawings for Electrical works, Vendor drawing review and approvals.</p> <p>Petronas.</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>Project funded by :</p>	<p><b>19. 6 nos. frame-5 GT power station and 138 kV ring bus substation of WAHA Oil Company at Gialo, Libya.</b></p> <p>2005-2007 Libya, Africa General Switchgear and Controls, Toronto, Canada 138kV Ring bus Substation for 6 nos. Frame-5 GTG power station. Project In charge. Preparation of Electrical single line/three line diagrams, DC schematics, wiring diagrams, SCADA and annunciation diagrams for 138 kV circuit breakers, medium voltage switchgear and station control panels (control, protection, mimic panels, SCADA IFC panels).</p> <p>Waha Oil Company, Libya.</p>
<p>Name of project:</p> <p>Year:</p> <p>Location:</p> <p>Client:</p> <p>Main project. features:</p>	<p><b>20. 4 X 30 MW (Frame-6) simple cycle combustion gas turbine power plant at Arar &amp; 3 X 30 MW (Frame-6) simple cycle combustion gas turbine power plant at Rafha .</b></p> <p>2002-2003 Saudi Arabia Saudi Electricity Company (SEC), Dammam Construction of 30MW Gas Turbine Power plants at Arar &amp; Rafha including 132kV GIS Substation.</p>



<b>Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks</b>	
<b>Position held:</b> <b>Activities performed:</b>	Engineer-I. Project Management and Supervision of Consultant's works as Owner's Engineer. Review and approval of all deliverables of the Consultant, Issue of bid documents to prospective bidders, Bid clarifications, Bid evaluation, Finalisation of Contractor, Vendor drawing review and approval.
<b>Project funded by :</b>	SEC, Saudi Arabia.
<b>Name of project:</b>  <b>Year:</b> <b>Location:</b> <b>Client:</b> <b>Main project. features:</b> <b>Position held:</b> <b>Activities performed:</b>	<b><i>21. 230kV Ibn Zahr GIS switching station, Jubail.</i></b>  2001-2002 Saudi Arabia Saudi Electricity Company (SEC), Dammam Construction of 230kV GIS Substation. Engineer-I. Project Management and Supervision of Consultant's works as Owner's Engineer. Review and approval of all deliverables of the Consultant, Issue of bid documents to prospective bidders, Bid clarifications, Bid evaluation, Finalisation of Contractor, Vendor drawing review and approval.
<b>Project funded by :</b>	SEC, Saudi Arabia.
<b>Name of project:</b>  <b>Year:</b> <b>Location:</b> <b>Client:</b> <b>Main project. features:</b> <b>Position held:</b> <b>Activities performed:</b>	<b><i>22. 1 X 30 MW coal fired captive power plant and 132kV switchyard for Bihar Caustic &amp; Chemicals Ltd., Bihar.</i></b>  1999 Bihar, INDIA Bihar Caustic Chemicals Ltd., Bihar Construction of 1 X 30 MW coal fired captive power plant and 132kV switchyard. Sr. Project Engineer Detail engineering for the power plant and 132kV switchyard for interconnection with Bihar State Electricity Board grid, key one line diagrams, relay & metering one line diagrams, electrical equipment layouts, cable routing drawings, HV/EHV schematic drawings, cable schedules and interconnection diagrams etc.
<b>Project funded by :</b>	BCCL.
<b>Name of project:</b>  <b>Year:</b> <b>Location:</b> <b>Client:</b> <b>Main project. features:</b> <b>Position held:</b> <b>Activities performed:</b>	<b><i>23. 69kV conventional outdoor type Main receiving substation for Wyeth Lederle vaccines and Pediatrics in Marietta, Pennsylvania, U.S.A.</i></b>  1998-99 Marietta, Pennsylvania, U.S.A Wyeth Lederle vaccines and Pediatrics. Construction of 69kV MRSS. Sr. Electrical Engineer Detail engineering for the 69kV switchyard for interconnection with State Electricity Board grid, key one line diagrams, relay & metering one line diagrams, electrical equipment layouts, cable routing drawings, HV/EHV schematic drawings, cable schedules and interconnection diagrams etc.
<b>Project funded by :</b>	Wyeth Lederle vaccines and Pediatrics.
<b>Name of project:</b>  <b>Year:</b> <b>Location:</b> <b>Client:</b> <b>Main project. features:</b>	<b><i>24. 1 X 125 MW oil fired EPC power plant for Babcock &amp; Wilcox, Barberton, U.S.A.</i></b>  1998-99 Barberton, U.S.A. Babcock & Wilcox. Construction of 1 x 125MW Oil fired thermal power plant and 115kV Switchyard.

Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks	
Position held: Activities performed:	Sr. Electrical Engineer Detail engineering for the power plant and 115kV switchyard for interconnection with State Electricity Board grid, key one line diagrams, relay & metering one line diagrams, electrical equipment layouts, cable routing drawings, HV/EHV schematic drawings, cable schedules and interconnection diagrams etc.
Project funded by :	Babcock & Wilcox, USA.
Name of project:	<b>25. 2 X 210 MW coal fired Sanjay Gandhi thermal power station (Unit 3 &amp; 4) of MPEB, Madhya Pradesh, India.</b>
Year:	1996-98
Location:	Birsingpur, M.P, INDIA.
Client:	Madhya Pradesh Electricity Board (MPEB).
Main project. features:	Construction of 2 x 210MW Coal fired thermal power plant and 220kV Switchyard.
Position held:	Sr. Electrical Design Engineer
Activities performed:	Preparation of detail tender specifications, bill of materials, single line diagrams, control schematics for the 220kV breakers and control & relay panels, relaying & metering single line diagrams, synchronizing schemes, equipment/ lighting/ grounding/lightning protection layouts, tender evaluation, review of vendor drawings and documents, cable schedule and interconnection, design calculations including equipment rating selection, load flow and fault level calculations using computer software, inspection of type/routine testing at manufacturer's works, coordination with client and vendors.
Project funded by :	MPEB, INDIA

**Expert's contact information:** (e-mail : satyaki.mukherjee@satcon.in, phone +919830538398)

**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.

Satyaki Mukherjee

{day/month/year}

Name of Expert

Signature

Date

Satyaki Mukherjee

{day/month/year}

Name of authorized

Signature

Date

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