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Human Resource Manager

Dear Sir/Madam,

As we hear that the world is coming back to normal after Covid-19 pandemic, I am applying for and am seeking a suitable position in your esteemed organization.

I have deep experience in **High Voltage AC Substation Solution business** in the following categories.

- 1) **Technical Tendering (Electrical) for HV Substation** involving activities for GIS, Reactor, Transformer, SCS/SCMS/RTU, Conventional Control System, Protection System, MV Switchgear, MV Capacitor Bank, CT, VT, Energy meter, Tariff Metering, Fault Monitoring System, Power Quality Monitoring System, Telecommunication System, FO Cables, LV Cables, Substation Auxiliary Power Supplies such as DC System, UPS/Inverter and LVAC System and Substation Layout finalization.
- 2) **Project Engineering (Electrical) for HV Substation** involving activities for GIS, LCC/LCP, Reactor, Power Transformer, Earthing Transformer, MV Switchgear, MV Capacitor Bank, SCS/SCMS, Protection System, AVR/RTCC, CT, VT, Fault Monitoring System, Telecommunication System, FO Cables, LV Cables, MV Cable, DC System, LVAC System, Substation Earthing System, Substation Lighting & Small Power System, Fire Protection System, Heating Ventilation and Air Conditioning (HVAC), EOT Crane and Remote end design modification work.

With skills such as problem-solving approach, multi-tasking, punctuality and dedication towards work, I am ready to accept challenges and new role and fulfill expectations.

I look forward to your call for the interview soon.

Warm regards,
Jamaludeen NOORULLAH



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JAMALUDEEN NOORULLAH

CAREER OBJECTIVE Determined to be part of, and to work as a key player in an organization that delivers quality services, adopts best practices and promotes professional development based on employee's effort and work ethic.

SKILLS & ABILITIES Vast exposure and strong knowledge base to quick start the work.
Acquaintance with people around the table to grow together.
Punctuality and dedication to complete the assignment on time.
Ability to work under pressure and handle multiple assignments.

EXPERIENCE **LEAD ENGINEER–SECONDARY DESIGN,**
GENERAL ELECTRIC (RENEWABLE ENERGY, GRID SOLUTIONS)¹, DUBAI-UAE
Contract Period: November 2009 – September 2020

Key Responsibilities – Technical Tendering (Electrical) for HV Substation

Solution creation based on customer requirements, Risks & Opportunities identification, Site survey and feasibility study, Tender inputs delivery, Coordination with internal teams, Supplier offer validation, Assistance in technical proposal preparation and After award tender handing over support.

Key Responsibilities – Project Engineering (Electrical) for HV Substation

Design deliverables preparation, submission, response to comments and clarifications and follow-up till approval, Design review of manufacturer documents, Coordination with internal teams, client and manufacturers till FAT and Coordination with commissioning team and client for Protection final setting.

Accomplishments

As an individual,
Developed highly accurate tender inputs database.
Negotiated with Client for Protection system optimization.
As a team,
Consistently achieved tender submission rate target.
Achieved competent position in many tenders.

LEAD DESIGN ENGINEER,

EMIRATES TRADING AGENCY – POWER PROJECTS DIVISION, DUBAI-UAE

Contract Period: September 2003 – May 2009

Key Responsibilities – Project Engineering (Electrical) for HV Substation

Design deliverables preparation, submission, response to comments and clarifications and follow-up till approval, Design review of manufacturer documents, Coordination with internal teams, client and manufacturers and Complete design work for remote end modification – from site survey up to the approval of Protection relay setting calculation.

Key Responsibilities – Project Execution for HV Substation

SCS Testing coordination at site for SCADA Alarms, 11kV Switchgear Inter panel wiring supervision and Assistance in testing activities for 11kV Switchgear and 132kV GIS.

Accomplishments

Accepted and handled several projects simultaneously in lead role.

EDUCATION **BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – A.V.C COLLEGE OF ENGINEERING**

BACHELOR OF ENGINEERING IN ELECTRONICS & COMMUNICATION

Aggregate Category: First Class / Year of Graduation: 2002

DETAILS OF WORK **General Electric (Renewable Energy, Grid Solutions)¹**

Activities in Tendering

Lead Engineer-Secondary Design / Senior Design Engineer – June 2011–September 2020

Tender documents review and technical clarification with Client/Consultant at Pre-tender and Post-tender stages.

Remote end substation data collection for protection coordination and modification.

Feasibility study for modification in existing substation.

Risk identification and mitigation.

Responsible for tender inputs such as Bill of Materials for Substation secondary equipment, Remote end CT adequacy check, CT & VT sizing and parameter selection and Auxiliary transformer sizing. Occasional involvement in Substation Primary Engineering activities such as Layout preparation, Bill of Materials for Substation Primary Equipment and Coordination with Equipment manufacturers and Civil team.

Responsible for tender deliverables (Single Line Diagram for HV/MV Switchgears, LVAC, LVDC and UPS Systems).

Control & Protection System estimation.

Coordination with Engineering teams (Electrical and Civil) and Commissioning team for optimization of Substation layout and tender inputs.

Technical review and Validation of Supplier offers.

Technical support to Sales/Commercial team.

Bid assumptions, hypothesis, technical deviations and technical summary.

Coordination with Project Engineering after Contract award and with Project team for ROE.

Customers

DEWA, Dubai Pearl, Tanmiyat, DWTC, Al Habtoor, Meydan, Nakheel, Emaar, Damac, Dubai Properties, Meraas, Dubai Aviation, Dubai Municipality, MASDAR, Oriental Pearls, AD Power Corporation (TRANSCO), ADCO, GASCO, ADNOC, EmiratesLNG, EWEC, SEWA and Etihad Electricity & Water Authority/FEWA in UAE, MOE in Kurdistan Region-Iraq, Kahramaa and Qatar Rail in Qatar, MOE, Kinesis, Mass Global and JICA in Iraq, MEW, PAI, KNPC and PAHW in Kuwait, OETC, ORPIC and DUQM Refinery in Oman, EWA and ALBA in Bahrain and NEPCO and Arab Potash in Jordan.

EPC Contractors – Petrofac, Saipem, Technip, Daelim, GS E&C, Samsung Engineering, Shanghai Electric, Sumitomo Corporation, Engie, Doosan, SEPCO III and Sterling and Wilson.

Tenders - Types

GIS, AIS and Containerized GIS Substation solutions. Onshore and Offshore substations. Open tenders, Direct tenders, Fast track tender, Urgent tender and Subcontracting scheme with General Electric's other businesses (Power, Hydro and HVDC) and EPC Contractors. Substation solutions for Solar Power Projects, Clean Coal Power Project, Dam Project, GCC Transmission Interconnection Project, HVDC Transmission Project and Independent Power Producer (IPP) Projects.

A technology first in UAE tender – 400kV Switching Station with 400kV Series Reactor in Fujairah, UAE.

A first of its kind 400kV Substation tenders in Oman, Bahrain and Jordan.

Turnkey contract tenders for 400kV, 400/220kV, 400/220/33kV, 400/132kV, 400/132/33kV, 400/132/11kV, 400/33kV, 300/132/11kV, 220kV, 220/132/11kV, 220/66/11kV, 220/33kV, 132kV, 132/33kV, 132/33/11kV, 132/22kV, 132/11kV and 66/11kV Substations and 400kV and 220kV Switching Stations and for modification in 400kV, 220kV, 132/11kV and 132kV Substations.

Projects Secured

Dubai Electricity & Water Authority (DEWA), Dubai-UAE

Turnkey contract for 132/11kV Substation at Wellness Village.

400kV GIS Bay Extension and Associated works at 400kV M-Station.

400kV GIS Bay Extension, GIL and Associated works at 400kV D-Station.

Relocation of 132kV GIS Bay and Associated works at 132/11kV Substations.

Turnkey contract for 400/132kV Substation (Canal Garden).

Al Habtoor, Dubai-UAE

Turnkey contract for 132/11kV Substation at Canal Bridge.

Dubai Aviation, Dubai-UAE

Turnkey contract for 132/11kV Substation (Aviation).

Emaar, Dubai-UAE

Turnkey contract for 132/11kV Substation at Keronola.

Oriental Pearls, Dubai-UAE

Turnkey contract for 132/11kV Substation at Nad Al Sheba.

AD Power Corporation (TRANSCO), Abu Dhabi-UAE

Turnkey contract for 220kV Switching Station (ASAB-2) – A technology first in UAE project with 220kV Capacitor Bank.

400/220kV Transformer replacement and Associated works at Musaffah Substation.

Sharjah Electricity & Water Authority (SEWA), Sharjah-UAE

Hamriyah Power Station Refurbishment Project from General Electric-Power Business – Project for extension of other make existing 220kV GIS with General Electric make for 10 bays and Associated works and SCMS & Protection System Upgradation at 220/132kV Substation (Hamriyah).

Ministry of Electricity (MOE), Kurdistan Regional Government-Iraq

Turnkey contract for 132/33/11kV GIS & AIS Substations.

Qatar Rail, Qatar

Lusail LRT electrification Project – Turnkey contract for 2 nos. of 66/11kV Substation.

Ministry of Electricity (MOE), Iraq

A direct tender Project through General Electric-Power Business – Turnkey contract for 2 nos. of 400/132kV GIS Substation (Dhiqar & Samawa).

A direct tender Infrastructure Partnership Project – Turnkey contract for 1 no. of 400/132kV GIS Substation, 2 nos. of 132kV GIS Substation Extension & 11nos. of 132/33kV GIS Substation.

A direct tender Transmission Network Rehabilitation Project – Turnkey contract for 400/132kV GIS Substation, 400/132kV AIS Substation Extension & 132/33kV GIS Substations.

Activities in Project Engineering**Senior Design Engineer – November 2009–March 2012****Project**

CE/716A/2008 – Turnkey contract for 11 nos. of 132/11kV Substation for Dubai Electricity & Water Authority, Dubai-UAE.

Responsible for Design documents review and Coordination with client and supplier/manufacturer till FAT for Automatic Voltage Regulator (AVR) Panel and 132kV Protection Panels.

Responsible for Design documents review and Coordination with client and manufacturers for Earthing Transformer, Capacitor Bank, DC System and LVAC Switchboard.

Preparation of Bill of Materials for FO Patch Cord for Control & Protection System.

Coordination with Project Manager and Procurement.

Protection Relay Setting Calculation input documentation.

Involvement in Project Engineering in 2019 & 2020**Project**

Hamriyah Power Station Refurbishment Project – Project for extension of other make existing 220kV GIS with General Electric make for 10 bays and Associated works and SCMS & Protection System Upgradation at 220/132kV Substation (Hamriyah).

Verification for the adequacy of existing 110V DC System in 220/132kV Hamriyah Substation and proposal and submission of revised DC System requirement.

Project

Turnkey contract for 2 nos. of 400/132kV GIS Substation (Dhiqar & Samawa) for Ministry of Electricity (MOE), Iraq.

Review and revision of LV Cable Termination Schedule.

Emirates Trading Agency – Power Projects Division**Activities in Project Engineering****Lead Design Engineer Role – March 2007–May 2009****Project**

Turnkey contracts CE/448A/2007, 0032 and P-125 for 7 nos. of 132/11kV Substation and 1 no. of 132/33kV Substation for Dubai Electricity & Water Authority, Dubai Islamic Bank and Dubai Properties in Dubai, UAE.

Turnkey contracts CE/468C/2007 and CE/455C/2006 through Emirates Trading Agency-Star International, for modification work at 132/11kV Substations for 15 nos. of 132kV Line feeder circuit for Dubai Electricity & Water Authority in Dubai, UAE.

Responsible for Bill of Materials for Protection system, CT & VT Sizing Calculation, Design documents preparation and Coordination with Client and Supplier/Manufacturer for 132kV Protection Panels.

Responsible for Site survey, CT Adequacy Check, Bill of Materials, Design documents preparation, Coordination with Client and Manufacturers and Relay Setting Calculation for remote end modification work.

Design documents review for 132kV Local Control Cubicle, 132kV Protection Junction Box, 11kV Switchgear, Fault Monitoring System and Telecommunication System.

Design Engineer Role – October 2005–May 2009 & September 2003–December 2004

Project – Turnkey contracts P-186, PE-096, N026-040-07-01B, CE/288C/2006, CE/107A/2007, CE/300B/2005, CE/002A/2005, CE/042A/2002, P-055 and JAP006-D73 for 34 nos. of 132/11kV Substation and 3 nos. of 132/22kV Substation for Dubai Properties, Nakheel, Dubai Electricity & Water Authority and Jumeirah Beach Residence in Dubai, UAE.

Responsible for Bill of Materials for Protection system, Earthing System, Lighting & Small Power System, DC System and LV Cables, CT & VT Sizing Calculation, Earthing Design Calculation, Lighting Design Calculation, Cable Sizing Calculation, Lighting & Small Power Load Distribution Schedule, DC Load & Battery Sizing Calculation, Substation Earth Mat Layout, Substation Lighting & Small Power Layout, Design documents preparation for 132kV Protection Panels, Design documents review for 132kV GIS, 11kV Switchgear, Transformer, Reactor, 11kV Cable, LV Cables, 11kV Capacitor Bank, DC System, LVAC System, Fire Protection System, Heating Ventilation and Air Conditioning (HVAC) and EOT Crane and Interface schedule for LV Power & Control Cables.

Responsible for Site survey, CT Adequacy Check, Bill of Materials and Design documents preparation for Remote end modification work.

Activities in Project Execution**Project Engineer Role – January 2005–October 2005**

Project – Turnkey contracts JAP006-D73 and CE/042A/2002 for 13 nos. of 132/11kV Substation for Nakheel and Dubai Electricity & Water Authority in Dubai, UAE.

SCS Coordination in HV Substation

SCADA Alarm Test - Initiation of Substation SCADA alarms for checking up to SCS/DCS in coordination with SCS Contractor, Client and Consultant.

Site Supervision & Testing Assistance in HV Substation

11kV Switchgear inter panel wiring supervision.

Assistance in 11kV Switchgear test such as Circuit breaker & Earth switch operation check, Circuit breaker & Earth switch contact resistance test, Circuit breaker penetration test, Local interlock test and Remote interlock test.

Assistance in 132kV GIS Remote interlock test and 132kV System Synchronization test.

MISCELLANEOUS

Site Survey

Participated in numerous pre-tender site surveys in UAE, Kuwait, Oman, Jordan, Bahrain, Iraq and Qatar.

Factory Acceptance Test

Attended Factory Acceptance Test for Automatic Voltage Regulator (AVR) Panel and 132kV/11kV Protection Panels in the year 2010 as a representative of Areva T&D¹ at SAS Power Industries FZE, Ras Al Khaimah-UAE for project with DEWA, Dubai-UAE.

Participated in 11kV Switchgear inspection prior to Factory Acceptance Test, in the year 2011 as a representative of Alstom Grid¹ at Schneider Electric, Jakarta-Indonesia for project with Takreer, Abu Dhabi-UAE.

Attended Factory Acceptance Test for 132/33/11kV Transformer in the year 2013 as a representative of Alstom Grid¹ at Alstom Grid¹, Monchengladbach-Germany for project with MOE, Kurdistan Region-Iraq.

Special Training

'Proposal & Tendering Management' training jointly conducted by Alstom Grid¹ and Mascot. A course on "Protective Relay Selection, Application and Setting" conducted by Power Linker and arranged by Emirates Trading Agency-Power Projects Division.

'Primavera – A Project Planning Software' training arranged by Emirates Trading Agency-Power Projects Division.

'FIDIC Conditions of Contract' conducted by Dubai Institute of Business Management and arranged by Emirates Trading Agency-Power Projects Division.

Award, Recognition & Social Responsibility

GE AWARD

Recipient of "Impact Award" from General Electric-Grid Solutions as part of internal program, for good work in Tendering activities.

ALSTOM¹/GE SPECIALIST

A certified "Specialist" member in Alstom Grid¹/ General Electric-Grid Solutions as part of Expertise Program.

SOCIAL INVOLVEMENT

Participated in "Clean Up the World Campaign" organized by Emirates Trading Agency-ASCON Group of Companies in co-operation with Dubai Municipality.

IT SKILL SETS

Office 365, C, C++, Web Programming using JAVA and AutoCAD.

"Embedded System Programming" – A short term course at Anna University, Chennai.

COMMUNICATION

Covid-19 Break Activity

Mathematics – Developed a geometrical method for finding the value of π . Read about the historical developments of Trigonometry and Calculus.

Astronomy – Read about Space, Time, Time Travel, Gravitational Waves etc.

PERSONAL PROFILE

Date of Birth / Gender: 8th June 1978 / Male

Nationality / Language: Indian / English, Tamil and Read & Write proficiency in Arabic.

Social Status: Married and 2 Children.

¹ Areva T & D's Transmission Business became Alstom Grid after acquisition by Alstom in 2011. Alstom's Grid Business became General Electric's Grid Solutions Business after acquisition and merger in 2015.
