

ELECTRICAL ENGINEER – DESIGN & PROJECT EXECUTION / MAINTENANCE

NAME : ARNAB DATTA

EMPLOYER : Medica Hospital Pvt Ltd – Kolkata / Patna, India



: 9836197037 / 7903700535

e-Mail : andutta.dutta@gmail.com / andatta.datta@gmail.com



OBJECTIVE: Serving in the field of project management and design of an organization with high repute.

SYNOPSIS:

- ✓ **7 years** of experience in execution, project management and design in industrial and commercial building sector.
- ✓ Presently associated with **MEDICA SUPERSPECIALTY HOSPITAL** as Asst. Manager since Nov, 2017.
- ✓ Worked for 1 year as Asst. Manager with **MAX7 HOSPITAL PVT LTD.**
- ✓ Worked for 1 year & 2 months as Assistant Engineer with **OVARON INFRASTRUCTURE & MEP SERVICES.**
- ✓ Worked for 3 years & 06 months as Project Engineer with **ISHAANI ELECTRONICS PVT LTD**, an electrical contractor, control panel manufacturer and a system house of Schneider Electric, ABB, L&T and Siemens.
- ✓ B. Tech in electrical engineering (full time) from **WEST BENGAL UNIVERSITY OF TECHNOLOGY**, Kolkata.

SKILL:

- ✓ Detail engineering of control panels e.g. PCC, MCC, APFC, VFD, C/O, AMF control, synchronization & metering panel.
- ✓ AutoCAD drawing of control panel, GA, power circuit, SLD, control circuit and project layout.
- ✓ BOQ preparation with technical specification and estimation for same.
- ✓ Circuit design with protection & safety and maintain electrical discrimination in circuit.
- ✓ Installation of DG set and change over system with AMF control & synchronizing panel.
- ✓ Motor operation in auto, manual and remote mode as well as through PLC.
- ✓ Sub transmission and power distribution with 33kv/11kv, 11kv/3.3kv, 11kv/415v sub-station.
- ✓ Cable sizing, routing, scheduling, laying & termination, cable tray, bus duct, site illumination, earthing.
- ✓ Execution and installation of centralize online UPS and its distribution through control panel.
- ✓ Tendering, evaluate quotation, planning of project schedules and execution accordingly.
- ✓ Erection, installation, testing, commissioning in complete manner.
- ✓ Power distribution system, logic building, interlocks and control relay logic as per project requirement.
- ✓ Fire alarm system with central monitoring panel and fire-fighting as per national standard.
- ✓ IS codes & standards and quality assurance.
- ✓ Onsite inspection, team management, handling multiple sites with reporting & execution simultaneously.
- ✓ Preparation and maintain SOP, periodic & corrective maintenance schedules of equipments.
- ✓ Procurement of materials (switchgear & all accessories) from supplier end to project site or to own scope.
- ✓ Protocol of govt. clearance. Maintain NOCs and all individual test reports.
- ✓ Troubleshooting and modification in industrial and building sector.
- ✓ Handling of switchgears from multiple manufacturers (Schneider Electric, L&T, Siemens, ABB etc.).
- ✓ Documentation, attend communication & review meetings, worksheet & progress report.

RESPONSIBILITY:

- ✓ Supervision, monitoring over day to day activities of ongoing project and product development.
- ✓ Team handling (50 members) deputing all personnel in individual domain.
- ✓ Responsible for design analysis, cross check of drawing, layout to fulfill demand.
- ✓ Work schedule, execution plan, material procurement to minimize project duration.
- ✓ BOQ preparation, cost analysis, estimation, selection of material specification, tender handling.
- ✓ Contractor selection, internal communication of contractor, consultant and project team to satisfy technical assurance of project.

- ✓ Develop and maintain checklist, SOP, periodic maintenance schedule.
- ✓ Responsible to maintain quality assurance and raise QA / QC certificates, inspection according to IS codes and guideline.
- ✓ Raising approx. budgetary note with technical needs once in a year.
- ✓ Sincere to electrical protection, proper discrimination over the entire project phase.
- ✓ Responsible for installation, testing, commissioning, preventive maintenance and predictive maintenance.
- ✓ Co-ordinate and meeting with client, consultant, contractor & supplier on technical issues for better execution as well as client relationship, cross verification of contractor's bill w.r.t execution.
- ✓ Responsible to handle to day to day project activities and work being a single point contact.
- ✓ Reporting to higher officials for progress report, timeline and miscellaneous activities.
- ✓ Tendency is to close all deputed jobs before review meeting and keep records.
- ✓ Answerable for any technical issue.
- ✓ Maintain a healthy relationship with all the vendors and clients associated with.

PROJECT HANDLED:

- ✓ LT power distribution with 11kv/415v sub-station, main LT panel, distribution panels, power factor control, centralize UPS, DG, elevators, treatment plants and fire-fighting system.
Client / Organization: MEDICA SUPERSPECIALTY HOSPITAL
- ✓ Wagon Tippler and power distribution for 3 X 70MW coal based power plant (turnkey electrical).
Client / Organization: VEDANTA ALUMINIUM LTD.
- ✓ Sub-transmission and distribution with 33kv/11kv, 11kv/3.3kv, 11kv/415v, sub-station for industrial (HT & LT) and residential purpose (LT only).
Client / Organization: STEEL AUTHORITY OF INDIA LTD.
- ✓ LT power distribution with 11kv/415v sub-station, main LT panel, distribution panels, centralize UPS, DG, elevators, treatment plants and fire-fighting system.
Client / Organization: MAX7 MULTI-SPECIALTY HOSPITAL.
- ✓ 4 X 100 TPD sponge iron unit at integrated steel plant (turnkey electrical).
Client / Organization: RASHMI METALIKS LTD.
- ✓ MCC, PCC and DISTRIBUTION PANEL for cooling towers.
Client / Organization: PAHARPUR COOLING TOWERS LTD.
- ✓ Power distribution system, control panels, HVAC electrical control, internal / external lighting firefighting system, APFC in multifaceted hotel.
Client / Organization: HINDUSTHAN CLUB LTD.
- ✓ Erection, power distribution, main LT panel, busduct, floor wise distribution, UPS, MLDB, APFC, interior / exterior lighting system in shopping mall.
Client / Organization: AVANI GROUP.
- ✓ Coal loading system with conveyor belt for CHP with its' complete utilities (turnkey electrical).
Client / Organization: EMTA COAL LTD.

- ✓ CAPACITOR BANK installation and LT distribution in Leather plant.
Client / Organization: TULSYAN GROUP OF INDUSTRIES.
- ✓ LT panel, MCC and metering panel installation and electrical erection.
Client / Organization: RASHMI CEMENT LTD.

ACADEMIC PROJECT / WORKSHOP:

Project in power plant:	My project was on full overview of power generation, transmission and distribution. It also includes the coal supply and importance of various equipments in a power plant. Objective of this project was to go through all of the units and specification of the entire power plant and after all controlling pollution.
Workshop in institute:	It was on remote controlled speed boat. Aim of my project was to develop a cost effective remote controlled speed boat for safe and smooth navigation.

INDUSTRIAL TRAINING:

Nature and details	Name of organization
Power generation, transmission and distribution.	<i>Sagardighi Thermal Power Plant</i> under <i>West Bengal Power Development Corporation Limited</i> (govt. enterprise).

OTHER SKILL:

Computer skill	<ul style="list-style-type: none"> Application software: MS-Office (2007/2010), AutoCAD -2004, 2008, 2011. Operating system: Windows-XP, Windows-Vista and Windows 7.
Personal skill	<ul style="list-style-type: none"> Good communication power, extremely energetic, tenacity to handle pressure, good leadership qualities, confidence and will power.

CERTIFIED COURSES:

AutoCAD 2008	6 Months course from <i>Dhar Infotech</i> (govt. regd).
Computer Application	3 Months basic course from a private computer center.
Communication English	3 Months course from <i>British Broadcasting Corporation (BBC)</i> .

EDUCATIONAL QUALIFICATIONS:

Examination/ course	Name of the institution	Board/university	Year of passing	Marks obtained (%)
B.Tech. in ELECTRICAL ENGINEERING (full time)	Dumkal Institute Of Engineering Technology	W.B.U.T.	2011	74.3
Higher secondary (12 th)	Hooghly Branch (govt.) School	W.B.C.H.S.E.	2006	74.3
Madhyamik (10 th)	Hooghly Branch (govt.) School	W.B.B.S.E.	2004	72.75

PERSONAL DOSSIER:

Date of birth	22 nd August, 1988
Nationality	Indian
Sex	Male
Permanent Address	6/900, Kat Ghara Lane, PO & DIST – Hooghly, West Bengal, India - 712103

Marital status	Single
Guardian	Mr. Anjan Datta (Father)
Language known	English, Hindi & Bengali.
Hobbies	Photo session, chatting, internet surfing and keeping information about new models of cars of various companies.
Extra curriculum activity	Playing cricket, badminton and carom.
Achievements	<ul style="list-style-type: none"> • Got certificate and medal from <i>Students' Health Home (SHH)</i> for arrangement of financial help from public for the poor people. • Got medal and certificate in school tournaments. • Got prizes several times for getting rank in annual examinations in school. • Got authorization certificate for perfection of electrical control panel from SCHNEIDER ELECTRIC and ABB.

CURRENT CTC: 6.02 Lacs per annum.

REF. PERSON:

1. Mr. Jai Paul (Vice president, Medica Superspecialty Hospital, Kolkata), Ph - 8420000170
2. Mr. Rathindranath Nath (Sr. Manager, Medica Superspecialty Hospital, Kolkata), Ph- 8100824777.

DECLARATION:

I hereby declare that all the information furnished above is true to the best of my knowledge and belief.

Place: Kolkata / Patna

Date: 04/07/2019

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Signature