

PRABUKUMAR S

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ENGINEER – PROJECTS, OPERATIONS & MAINTENANCE

FIRE AND LIFE SAFETY SYSTEMS ▪ FIRE PROTECTION SYSTEMS ▪ ELV SYSTEMS

EDUCATION

Bachelor of Engineering in
Electronics & Communication Engg.

Anna University, India
Syed Ammal Engg. College

2004-2008

EXPERTISE

Project Management

Design and Estimation

Project Planning

Project Execution

Installation and Commissioning

Technical Support

Documentation

Operation & Maintenance

CERTIFICATIONS

NFPA Certified Fire Protection Specialist
Certification No. 5722
2021-2024

NFPA Certified Fire Alarm ITM Specialist
Certification No. CFAITMS-21-069
2021-2024

Cisco Certified Network Associate
Routing and Switching (**CCNA**)

Microsoft Certified System
Administrator (**MCSA**)

Notifier Certified Factory Trained
Engineer 2016

PROFILE

NFPA Certified Fire Protection & Fire Alarm ITM specialist over 14 years of professional experience in multiple mega projects in the EPC industry. Specialized in Execution, Documentation, Commissioning and Handing over of Fire and Life safety, Fire Protection & ELV projects.

WORK EXPERIENCE

PROJECTS, O&M ENGINEER – FIRE AND LIFE SAFETY & FIRE PROTECTION SYSTEMS
Mustafa Sultan Security & Communications LLC., Muscat, Oman.

August 2012 – Present

Responsibilities:

- Design of Fire Detection and Alarm system as per codes and standards.
- Handling the team of CAD operators to prepare Shop Drawings, System Architecture Drawings, Typical Installation Drawings and all necessary Computer Aided Drawings.
- Preparing Project Submittals/Calculations such as Material Approval Submittal (MAS), Method Statement (MST), Inspection and Test Plan (ITP), Operation and Maintenance Manual (O&M), Voltage Drop Calculation, Battery Calculation and all other necessary documents.
- Heading the team for Pre commissioning and commissioning activities of Fire Alarm System.
- Conducting inspection with Civil Defense/Fire and Life safety consultants to get the prior approval on Fire and Life safety systems.
- Coordinating other third parties to get interface details and preparing Cause and Effect Matrix and Third party interface documents.
- Meeting with Client / Consultant's representatives for any site instructions, assign targets for accomplishments and ensure targets are met on Weekly / daily basis for all groups at site.
- Preparing CMMS (Computerized Maintenance Management System) for Fire Alarm System.

SYSTEMS

Fire Detection and Alarm system
Public Address & Emergency EVAC
Smoke Control system
Pressurization systems
Fire Protection systems
Firefighter's Telephone system
Access control
CCTV

PROJECTS HANDLED

Muscat International Airport(FAS,PA & Fire Protection), Oman.
Salalah International Airport(PA), Oman.
Tamilnadu new Legislative Assembly(PA & AV), India
Southern Railways(CCTV Projects, O&M), India.
Tata GSM & Uninor Telecom Projects, India.

TRAINING

NFPA 72, NFPA 13, NFPA 70 and NFPA 101 online Trained and Certified
Notifier ONYX Fire Alarm Panel- Factory Trained and Certified, Dubai, 2016 and 2019
Bosch Praesideo Technical Training, Dubai, 2014
Design and Commissioning of FAAST(VESDA), Muscat, 2013
Bosch CCTV Technical Training, Bangalore, 2011
Sony VCS and Projector Technical Training, Chennai, 2010
Panasonic Projectors Technical Training, Chennai, 2011

PROJECT ENGINEER – FIRE ALARM, ELV & AV Pan Communications Pvt Ltd., Chennai, India.

August 2010 to July 2012

Responsibilities:

- Conduct customer site surveys and provide sales engineering support, including collecting and recording detailed operational, functional and technical requirements.
- Provide support to Design and Engineering teams and ensuring the compliance to the design and installation standards.
- Liaise with Local suppliers / Contractors to ensure adherence to standards and scope of works required by client.
- Coordinate and Review all project documentations which include delivery notes, maintenance and operation manual requirements, testing and commissioning procedures and inspections.
- Prepare weekly program for sub-contractor as per Project Milestones and Client requirement and monitor the work progress and quality of work executed on daily basis. Maintain records.

FIELD ENGINEER – TELECOM & ELV i9 Infocom Pvt. Ltd., Chennai, India.

September 2009 to July 2010

Responsibilities:

- Extensive technical experience in Erection and commissioning of Base Transceiver Station(BTS).
- Configuring ALCATEL- Multiplexer and Commissioning.
- Develop, maintain, or implement telecommunications disaster recovery plans to ensure business continuity.
- Monitor and analyze system performance, such as network traffic, security, and capacity.

ENGINEER – DESKTOP SUPPORT & NETWORKING Hari Infotech., Madurai, India.

June 2008 to July 2009

Responsibilities:

- Trouble Shooting the problems arise with the Hardware peripherals
System Service & Maintenance.
- Well versed in Installing, Configuring and administering all Microsoft ▪Windows based Operating Systems on all Platforms.
- Installation of LAN Switches for Point to Point & Point to Multipoint Leased Circuits
LAN configuration.