MOHAMMED OBED UR RAHMAN

ELV Project Engineer | Technical Pre-Sales Support | Site Execution

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Madinah, Saudi Arabia
0575994874

Driving License: Yes
Iqama Status: Valid

SUMMARY

ELV Project Engineer with hands-on experience in CCTV, Access Control, ANPR, Parking Management, Parking Guidance, Intercom, Networking and Fiber Optics across major Saudi projects. Experienced in ELV system design, drawing and specification review, quantity take-off, BOQ preparation, material selection, technical submittals, project documentation, procurement coordination, installation, testing and commissioning. Strong practical understanding of site requirements, enabling the preparation of technically compliant and executable solutions. Seeking to contribute across both pre-sales and project execution functions.

EDUCATION

Bachelor of Technology in Electronics and Communication Engineering

Anurag Group of Institutions, Hyderabad, India

PROJECTS

- SEVEN Entertainment Complex, Madinah – PMS and PGS execution and commissioning
- KEC-HUB, Madinah – PMS and PGS testing, troubleshooting and handover
- Red Sea Project, Shura Island – CCTV and ELV site execution
- NEOM Bay Airport – Fiber-optic splicing and testing
- Qiddiyah Projects – CCTV design, quantity take-off and BOQ support
- JEDCO, Jeddah Airport – ELV technical support and troubleshooting

EXPERIENCE

KTC INTERNATIONAL CO | KSA

ELV Project Engineer | May 2025 – Present

- Prepared CCTV system designs, layouts, technical reports, device schedules and BOQs using JVSGZ and Excel.
- Reviewed project drawings, specifications and site requirements to verify device quantities, cable requirements and system compliance.
- Supported material selection, procurement coordination and technical comparison based on project specifications and approved requirements.
- Managed technical documentation, including material submittals, prequalification documents, method statements, MIRs, WIRs, RFIs, RFAs, ATPs and O&M manuals.
- Managed the execution and commissioning of Parking Management and Parking Guidance Systems at SEVEN Madinah and KEC-HUB.
- Coordinated the installation and integration of ANPR cameras, PGS cameras, barriers, APS units, kiosks, VMS displays, intercoms, servers and workstations.

- Coordinated with clients, consultants, vendors, IT teams, contractors and suppliers to resolve technical and site- related issues.
- Supported IP planning, VLAN coordination, server connectivity and field-device network troubleshooting.
- Identified additional quantities, design changes and variation requirements arising from actual site conditions.
- Planned manpower, materials and installation activities to meet project schedules.
- Performed CCTV configuration, camera setup, IP assignment, testing, commissioning and troubleshooting.
- Executed fiber-optic splicing and testing at NEOM Bay Airport.
- Provided ELV technical support and troubleshooting at JEDCO Airport.

NAIZAK GLOBAL ENGINEERING SYSTEMS | KSA

Security Engineer (On-Site) *May 2024 – April 2025*

- Reviewed project specifications and coordinated CCTV and Access Control system design and device placement.
- Led and guided AutoCAD draftsmen in preparing layouts, reviewed drawings and verified compliance before submission.
- Performed quantity take-offs, device counts and cable-length calculations for CCTV and Access Control systems.
- Prepared material submittals and compliance documentation for CCTV, Access Control, ICT and Fire Alarm systems.
- Reviewed client and consultant comments, resolved design conflicts and managed drawing submissions through Aconex.
- Performed Access Control power-load calculations and supported power-supply selection.
- Coordinated with consultants, project managers, contractors and MEP teams to resolve technical and design issues.
- Conducted site inspections to confirm that installations complied with approved drawings and specifications..

CERTIFICATIONS

- Hikvision HCSA – CCTV
- Hikvision HCSA – Access Control
- Hikvision HCSA – Video Intercom
- Hikvision HCSA – Alarm
- Hikvision HCSA – Maintenance
- Hikvision HCSA – VMS Operator
- CCNA – In Progress

SKILLS

- ELV System Design and Site Execution
- Tender Drawing and Specification Review
- Quantity Take-Off and BOQ Preparation
- Technical Proposal Support
- Material Selection and Compliance Review
- Technical Submittals and Datasheets
- CCTV, ACS, ANPR, PMS and PGS
- IP Addressing and VLAN Coordination
- Testing, Commissioning and Troubleshooting
- Fiber-Optic Splicing and Testing
- AutoCAD, JVSGZ, Aconex and MS Excel
- Vendor, Consultant and Client Coordination
- Project Documentation and Handover

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