

# ABIMANYU RAVISANKAR

MECHANICAL ENGINEER.

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Date of birth: 12/05/2000



## **PROFESSIONAL SUMMARY:**

Dynamic Mechanical Engineer with international experience in estimation, proposals, and project execution across India, UAE, and Oman. Skilled in delivering competitive tenders for oil & gas and civil projects, including HDPE liner works, pipeline rehabilitation, and NDT coordination. Certified in QA/QC, NDT Level II, and AutoCAD, with strong capabilities in cost control, procurement, and technical documentation. Known for precision, adaptability, and effective cross-functional collaboration.

## **EDUCATION.**

### **DIPLOMA IN OIL AND GAS, CHENNAI.**

Ambit Automation, March 2022

- QA/QC in welding.
- Basic piping.
- P& ID.
- Isometric drawing.
- Hydro test.
- NDT Destructive testing level II.
  - Ultra sonic testing
  - Radiographic testing
  - Magnetic particle testing
  - Liquid penetrant testing
  - Visual testing

### **DIPLOMA IN AUTOCAD, PONDICHERRY.**

G-Tech, March 2022

- CAD design
- Drafting services.
- 3D dimensions.
- Technical drawing
- Drawing interpretation
- Project management.
- P&I Drawing.

### **B-TECH IN MECHANICAL ENGINEERING, PONDICHERRY.**

PONDICHERRY ENGINEERING COLLEGE, 2021

**GPA 7.2**

## **WORK EXPERIENCE**

### **ESTIMATION & PROPOSAL ENGINEER, MUSCAT.**

BIMSAN TRAD, 2025-Present

Project: **Lube oil flushing in gas and power turbine.**

End-user: oxy (occidental Oman).

Contractor: Bisman, Oman

- Successfully led estimation and proposal development for a long-term lube oil flushing project covering gas and power turbines for Occidental Oman (Oxy).
- Developed detailed technical methodology for high-velocity oil flushing (HVF), ensuring compliance with OEM specifications and international standards (ISO 4406, NAS 1638).
- Estimated project costs including equipment, manpower, consumables, logistics, and overheads, aligning with budget expectations for a multi-year contract.
- Created complete resource planning for periodic flushing campaigns, including manpower loading, equipment mobilization, and cost control strategy.
- Collaborated with internal teams and vendors to define scope, flushing procedures, and performance benchmarks for turbine system cleanliness.
- Contributed to contract planning by proposing campaign schedules, estimating flushing frequency, and outlining operational strategies across the 7-year term.
- Ensured technical compliance and alignment with client (Oxy) expectations during the proposal phase, contributing to successful contract award.

Project: **36" PIPELINE SECTION REPLACEMENT.**

End-user: Petroleum Development Oman (PDO).

Contractor: Bisman, Oman.

- **Estimated Civil Works Costs:** Conducted detailed cost estimation for excavation, trenching, and backfilling, including material selection, labor allocation, and equipment usage to optimize project budgets.
- **Piping components Welding & Fabrication Costing:** Calculated costs for welding, cutting, and fabrication, factoring in labor efficiency, material consumption, safety compliance, and welding techniques (SMAW, GTAW, GMAW, etc.).
- **NDT Testing Cost Analysis:** Assessed the costs of various NDT methods (RT, UT, MPI, DPI, VT), including testing duration, equipment rental, consumables, and qualified personnel.
- **Hydrotesting Budgeting:** Managed the cost estimation for hydrotesting, ensuring accurate budgeting for pressure testing equipment, water procurement, leak detection measures, and skilled labor.

Project: PROVISION OF GENERAL CONSTRUCTION SERVICES CONTRACT (8years+2years extension).

End-user: Occidental Petroleum Corporation (oxy).

Contractor: Bisman, Oman.

- **Scope of work:** Mechanical Construction technical Bid, Electrical and Instrumentation (E&I) technical Bid.
- Ensured compliance with ICV guidelines to maximize local content utilization and sustainability.
- High level of importance on safety for our employees should be follow.

## QUALITY INSPECTOR, RAS AL KHAIMAH.

AL GHURAIR 2024- 2025

- **Vehicle Identification** Registration Plate Chassis Number
- **Exhaust emissions** Motor vehicles powered by petrol engines non injection Motor vehicles equipped with compression-ignition (petrol) engines Motor vehicles equipped with compression-ignition (diesel) engines
- **Braking systems** Service Brake Mechanical condition and operation Parking brake performance and efficiency
- **Visually Inspected Parameters** Braking systems Mechanical condition and operation, Steering and steering wheel Mechanical condition Steering Play Steering system attachment and coupling, Chassis and chassis attachments Chassis or frame and attachments Chassis or frame and attachments Bodywork, Lighting equipment Main and dipped-beam headlamps Condition and operation, condition of lenses, color and visual efficiency , Axles, wheels, tires, suspension Axles Wheels and tires Suspension.

## **PROCUREMENT ENGINEER, KARAIKAL, PONDICHERRY.**

PONDICHERRY POWER PLANT, 2021- 2023

- Vendor Evaluation: Conduct assessments to identify and qualify vendors based on quality, cost, and reliability.
- Request for Proposal (RFP) Creation: Draft and distribute RFPs to potential vendors, outlining the specifications and requirements for products or services needed.
- Cost Analysis: Perform detailed cost analyses to identify optimal procurement options aligned with budget constraints and quality standards.
- Negotiation: Lead negotiations with suppliers to secure advantageous contract terms and conditions.
- Compliance Monitoring: Keep procurement activities compliant with internal policies and external regulations.
- Quality Assurance: Collaborate with the quality control team to ensure the purchased materials meet all necessary quality metrics.
- Order Management: Oversee the entire ordering process, from initial requisition to final delivery, ensuring timeliness and accuracy.
- Supplier Relationship Management: Maintain and nurture relationships with suppliers for long-term partnership and potential cost savings.
- Technical Liaison: Serve as the point of contact between engineering departments and suppliers to clarify technical specifications or resolve issues.

## **SKILLS.**

- UAE driving license holder will be converted to Oman.
- Project estimation & proposal.
- Project coordinator.
- Accounting.
- Designing 2D&3D, P&I Drawing.
- NDT testing & inspection.
- Piping design.
- Cero parametric 7.0

## **LANGUAGE.**

- |                              |                                  |
|------------------------------|----------------------------------|
| • <b>Tamil</b><br>Native     | • <b>English</b><br>Fluent       |
| • <b>Malayalam</b><br>Fluent | • <b>Hindi</b><br>Conversational |
| • <b>Arabic</b><br>Beginner  |                                  |

**Location: Oman**