

Quantity Surveying Services

At **IYATTVA LLP**, we provide end-to-end Quantity Surveying (QS) and Cost Management services that enable clients to plan, control, and optimize construction costs throughout the project lifecycle. Our approach combines traditional quantity surveying principles with modern BIM technology to deliver accurate measurements, transparent cost planning, and reliable financial control.

Whether you're an architect, developer, contractor, project management consultant, or government organization, our services help reduce cost overruns, minimize material wastage, improve procurement planning, and support informed decision-making from the conceptual stage through project completion.

1. Bill of Quantities (BOQ) Preparation

A well-prepared BOQ forms the foundation of every successful construction project. We prepare comprehensive, itemized Bills of Quantities based on approved architectural, structural, and MEP drawings.

Scope Includes

- Item-wise quantity calculations
- Trade-wise BOQ preparation
- Material specifications
- Unit-wise measurements
- Standard method of measurement
- Schedule of quantities
- Labour and material breakup (if required)
- BOQ revisions after design changes
- Tender-ready documentation

Benefits

- Accurate project budgeting
- Faster tendering process
- Easy contractor comparison
- Reduced disputes during execution
- Better procurement planning

Quantity Take-Off (QTO)

Our Quantity Take-Off service ensures every measurable construction element is calculated with precision using CAD drawings and BIM models.

We Measure

- Earthwork
- Excavation
- PCC
- RCC
- Reinforcement Steel
- Masonry
- Plaster
- Waterproofing
- Flooring
- Tile Work
- Stone Cladding
- Ceiling Works
- Painting
- Doors & Windows
- Structural Steel
- Roofing
- External Development
- Landscape Quantities

Deliverables

- Excel Quantity Sheets
- BOQ Formats
- Measurement Reports
- Material Summary
- Area Statements

BIM-Based Quantity Surveying

We leverage Building Information Modeling (BIM) to automate quantity extraction and improve project accuracy.

Our BIM-based workflow minimizes manual calculations while ensuring quantities remain synchronized with design revisions.

Software Expertise

- Autodesk Revit
- Autodesk Navisworks
- Autodesk Construction Cloud
- BIM 360
- IFC-Based Workflows

Deliverables

- Model-based BOQ
- Live Quantity Extraction
- Material Take-Off
- Area Schedules
- Concrete Volume Reports
- Reinforcement Quantity Reports

Advantages

- Higher accuracy
- Faster updates
- Reduced human errors
- Better coordination
- Real-time quantity revisions

Cost Estimation & Budget Planning

We prepare detailed construction cost estimates that help clients understand the financial feasibility of their projects before execution begins.

Types of Estimates

- Preliminary Estimate
- Concept Estimate
- Detailed Estimate
- Budget Estimate
- Project Cost Plan
- Cost Forecasting
- Feasibility Study
- Value-Based Cost Planning

Includes

- Material Cost
- Labour Cost
- Equipment Cost
- Contractor Overheads
- Contingencies
- Escalation Allowances

Tender Documentation

We prepare professional tender documents that ensure transparency during contractor selection and bidding.

Documentation Includes

- Bill of Quantities
- Technical Specifications
- Scope of Work
- Tender Conditions
- General Notes
- Item Descriptions
- Rate Analysis
- Bid Evaluation Support

Benefits

- Standardized quotations
- Transparent procurement
- Reduced ambiguities
- Better contractor comparison

Bar Bending Schedule (BBS)

Our BBS preparation service provides detailed reinforcement schedules that help optimize steel procurement and reduce wastage.

Includes

- Bar Marking
- Cutting Length
- Bend Allowances
- Shape Codes
- Steel Weight Calculation
- Diameter-wise Summary
- Floor-wise Summary
- Member-wise Summary

Benefits

- Accurate steel ordering
- Reduced wastage
- Faster site execution
- Better inventory management

Rate Analysis

We prepare detailed rate analysis for construction activities using market prices, labour productivity, and applicable standards.

Based On

- Market Rates
- CPWD DSR
- Gujarat Schedule of Rates (GSR)
- Client Specifications
- Vendor Quotations

Covers

- Material
- Labour
- Machinery
- Transportation
- Overheads
- Profit Margins

Cost Control & Project Monitoring

Construction costs continuously evolve during execution. Our cost monitoring services ensure projects remain financially on track.

Services Include

- Budget Tracking
- Cost Variance Analysis
- Quantity Reconciliation
- Procurement Monitoring
- Material Consumption Reports
- Monthly Cost Reports
- Cash Flow Monitoring

Contractor Billing & Measurement Verification

We verify contractor bills through detailed measurement checks to ensure payment accuracy.

Scope

- Running Bill Verification
- Final Bill Certification
- Site Measurement Verification
- Quantity Cross-Checking
- Work Progress Validation
- Payment Recommendation

Change Order & Variation Management

Design modifications can significantly impact project costs. We evaluate every variation before implementation.

Includes

- Quantity Difference Analysis
- Cost Impact Assessment
- Additional Work BOQ
- Extra Item Valuation
- Change Order Documentation
- Claim Support

Value Engineering

Our value engineering process identifies opportunities to reduce project costs while maintaining functionality, quality, and performance.

Focus Areas

- Material Alternatives
- Construction Method Optimization
- Design Review
- Procurement Optimization
- Lifecycle Cost Reduction
- Waste Minimization

Construction Cost Reporting

We provide comprehensive financial reporting to support informed decision-making throughout the project lifecycle.

Reports Include

- Budget vs Actual Cost
- Cost Forecast
- Quantity Progress
- Material Consumption
- Procurement Status
- Financial Dashboards
- Executive Cost Summaries

Industries We Serve

We provide Quantity Surveying services across a wide range of sectors:

- Residential Projects
- Commercial Buildings
- High-Rise Developments
- Industrial Facilities
- Educational Institutions
- Hospitals
- Hotels & Hospitality
- Warehouses
- Infrastructure Projects
- Government Buildings
- Institutional Projects
- Interior Fit-Out Projects
- Mixed-Use Developments

Why Choose IYATTVA LLP?

- ✓ BIM-Based Quantity Surveying Expertise
- ✓ Highly Accurate Quantity Take-Offs
- ✓ Transparent Cost Estimation
- ✓ Detailed BOQ Preparation
- ✓ Faster Project Delivery Support
- ✓ Reduced Material Wastage
- ✓ Optimized Construction Costs
- ✓ Tender-Ready Documentation
- ✓ Professional Cost Management
- ✓ Support from Design to Project Completion

Our Commitment

At **IYATTVA LLP**, we believe that accurate quantities are the foundation of successful construction projects. By combining engineering expertise, industry-standard measurement practices, and BIM-enabled workflows, we deliver reliable quantity surveying services that improve cost certainty, streamline procurement, and support efficient project execution.

Our objective is simple: **Deliver accurate quantities, optimize construction costs, and help clients build with confidence.**

IYATTVA LLP is a leading Quantity Surveying Company in India, providing professional Quantity Surveying Services, Quantity Surveying Consultancy, BOQ Preparation Services, Bill of Quantities (BOQ), Quantity Take-Off (QTO), Material Take-Off (MTO), BIM Quantity Surveying, BIM-Based Quantity Surveying, Construction Cost Estimation, Construction Cost Management, Cost Planning Services, Project Cost Management, Construction Budgeting, Tender Documentation Services, Rate Analysis Services, Bar Bending Schedule (BBS), Contractor Bill Verification, Construction Measurement Services, Value Engineering, Cost Control Services, Construction Estimation Services, Building Estimation Services, BIM Cost Estimation, Revit Quantity Take-Off, and BOQ Consultant services. As a trusted Construction Cost Consultant and Quantity Surveying Consultant, we serve architects, developers, contractors, and project owners across India, with specialized Quantity Surveying Services in Ahmedabad, Gujarat, delivering accurate cost planning, tender documentation, and BIM-based quantity take-offs for residential, commercial, industrial, and infrastructure projects.