

How IYATTVA Works with Architects, Developers & Contractors

Every construction project has three key stakeholders—**Architects, Developers, and Contractors**. While each has different responsibilities, they all rely on one critical factor: **accurate quantities and reliable cost information**. At **IYATTVA LLP**, we act as the bridge between design, budgeting, and execution by providing professional Quantity Surveying, BIM-Based Quantity Surveying, BOQ preparation, cost estimation, and project cost management services. Our structured workflow ensures that every decision is backed by precise data, helping projects stay within budget, minimize material wastage, and avoid costly variations.

Working with Architects

Architects focus on creating functional, aesthetic, and technically sound designs. However, every design decision has a direct impact on project cost and material consumption. IYATTVA supports architects by converting design intent into measurable construction quantities, enabling informed design decisions before construction begins.

Our process starts with reviewing architectural, structural, and consultant drawings to understand the project scope. Using BIM-based workflows, we generate accurate Quantity Take-Offs (QTO), ensuring every structural and architectural element is measured with precision. These quantities are then converted into a detailed Bill of Quantities (BOQ), allowing architects to understand the financial implications of their design.

During the design development stage, we assist in value engineering by comparing alternative construction methods and materials without compromising design quality. This enables architects to optimize costs while maintaining performance and aesthetics. As drawings evolve, we update quantities and cost estimates, ensuring that revisions are reflected immediately and eliminating the risk of outdated BOQs.

Services for Architects

- BIM-Based Quantity Take-Off (QTO)
- Bill of Quantities (BOQ) Preparation
- Material Take-Off (MTO)
- Preliminary Cost Estimation
- Cost Planning During Design
- Value Engineering Support
- Design Revision Quantity Updates
- Tender Documentation
- Quantity Verification
- Construction Cost Advice

Benefits for Architects

- Design with confidence using accurate cost data.
- Reduce redesign caused by budget constraints.
- Deliver more competitive and realistic proposals.
- Improve coordination between design and construction teams.
- Save valuable time by outsourcing quantity estimation.

Working with Developers

Developers are responsible for transforming an investment into a profitable project. Every financial decision—from land acquisition to procurement and contractor selection—depends on accurate cost planning. IYATTVA provides developers with the financial clarity needed to manage project budgets efficiently throughout the entire project lifecycle.

Our involvement begins with conceptual cost planning and feasibility estimation. Based on preliminary drawings or BIM models, we prepare detailed project cost estimates that help developers evaluate project viability before construction starts. As the design progresses, our BOQs become more detailed, enabling accurate budgeting and procurement planning.

During the tender stage, we prepare tender documents, analyze contractor quotations, compare bids, and assist in selecting the most suitable contractor based on technical and financial parameters. Throughout construction, we continue monitoring quantities, tracking cost variations, and supporting developers in maintaining strict budget control.

Services for Developers

- Construction Cost Estimation
- Budget Preparation
- BOQ Preparation
- BIM Quantity Surveying
- Tender Documentation
- Procurement Quantity Support
- Project Cost Management
- Variation Analysis
- Cash Flow Planning
- Cost Reporting
- Material Consumption Analysis

Benefits for Developers

- Better investment planning.
- Improved project profitability.
- Accurate budgeting before construction.
- Transparent contractor comparison.
- Reduced financial risks.
- Better procurement decisions.
- Continuous cost monitoring throughout the project.

Working with Contractors

Contractors are responsible for executing the project efficiently while controlling material usage, labour productivity, and project costs. Even small errors in quantities can lead to significant financial losses. IYATTVA supports contractors by providing precise measurement data that improves procurement, billing, execution, and cost control.

Before construction begins, we verify tender BOQs against issued drawings to identify missing items, quantity discrepancies, or inconsistencies. During execution, we prepare detailed Material Take-Offs (MTOs) and Bar Bending Schedules (BBS), enabling contractors to plan procurement accurately and reduce material wastage.

We also assist with interim billing, extra item measurements, variation quantities, reconciliation reports, and client payment documentation. Our quantity verification services ensure that contractors receive payment for every executed item while maintaining complete transparency.

Services for Contractors

- BOQ Verification
- Quantity Verification
- Material Take-Off (MTO)
- Bar Bending Schedule (BBS)
- Interim Billing Support
- Running Account (RA) Bill Quantities
- Extra Item Measurement
- Variation Quantity Analysis
- Material Reconciliation
- Procurement Quantity Planning
- Site Quantity Reports
- Final Quantity Certification

Benefits for Contractors

- Reduce material wastage.
- Improve procurement efficiency.
- Faster billing and payment approvals.
- Minimize quantity disputes.
- Better project planning.
- Accurate measurement for executed work.
- Stronger cost control during construction.

The IYATTVA Workflow

Our workflow is designed to deliver consistent, accurate, and transparent quantity surveying services from the initial design stage to project completion.

Step 1 – Project Understanding

We collect architectural, structural, and consultant drawings, BIM models, project specifications, and client requirements to establish the project scope.

Step 2 – Drawing Review

Our team carefully reviews every drawing to identify inconsistencies, missing information, and coordination issues before quantity extraction begins.

Step 3 – BIM Model Review or Creation

Where BIM models are available, we validate model accuracy. If required, we develop or refine BIM models to facilitate precise quantity extraction.

Step 4 – Quantity Take-Off (QTO)

Using BIM software and industry-standard measurement practices, we generate highly accurate quantities for all construction elements.

Step 5 – BOQ Preparation

The extracted quantities are organized into a structured Bill of Quantities, categorized according to project specifications and client requirements.

Step 6 – Material Take-Off (MTO)

Detailed material quantities are prepared to assist procurement planning, budgeting, and construction scheduling.

Step 7 – Cost Estimation

Current market rates, Schedule of Rates (SOR), or client-specific pricing are applied to prepare reliable construction cost estimates.

Step 8 – Tender Documentation

We prepare complete tender-ready documentation, enabling contractors to quote accurately and developers to compare bids transparently.

Step 9 – Construction Support

During execution, we provide quantity verification, BBS preparation, variation analysis, billing support, and material reconciliation.

Step 10 – Final Cost Reporting

Upon project completion, we prepare final quantity reports, cost summaries, and documentation that support project closure and financial analysis.

Why IYATTVA?

Choosing IYATTVA means partnering with a team dedicated to precision, transparency, and efficiency.

- BIM-Based Quantity Surveying for greater accuracy.
- Detailed BOQs that reduce ambiguity.
- Faster quantity extraction through digital workflows.
- Improved cost control from design to execution.
- Reduced material wastage and procurement errors.
- Transparent tender documentation and contractor evaluation.
- Support for architects, developers, and contractors under one roof.
- Scalable services for residential, commercial, industrial, and institutional projects.
- Reliable documentation aligned with industry standards.
- A commitment to delivering measurable value at every stage of construction.

Building Better Projects Together

At **IYATTVA LLP**, we believe that successful construction begins with accurate quantities and informed financial decisions. By integrating seamlessly with architects, developers, and contractors, we provide the technical expertise and cost intelligence needed to transform ideas into successful, cost-effective, and well-executed projects. From concept to completion, our role is to ensure that every quantity is measured accurately, every cost is planned strategically, and every stakeholder has the confidence to make better project decisions.

At **IYATTVA LLP**, we provide comprehensive **Quantity Surveying Services** and **Quantity Surveying Consultancy** for architects, developers, contractors, and project owners across India. Our experienced **Quantity Surveyors** specialize in accurate **Bill of Quantities (BOQ)** preparation, detailed **Quantity Take-Off (QTO)**, **Material Take-Off (MTO)**, **Construction Cost Estimation**, **Cost Planning Services**, and **Construction Cost Management** to ensure every project is delivered within budget. We also offer **BIM-Based Quantity Surveying**, integrating digital models with precise quantity extraction for faster, more reliable project planning and execution. Our services include **Project Cost Management**, **Construction Budgeting**, **Tender Documentation Services**, **Rate Analysis Services**, **Bar Bending Schedule (BBS)** preparation, **Contract Administration**, **Cost Control**, **Value Engineering**, **Procurement Support**, and **Final Account Settlement**. Whether you require pre-construction estimating, tender-stage documentation, or post-contract cost monitoring, IYATTVA LLP delivers accurate measurements, transparent cost reporting, and data-driven insights that help minimize risk, optimize resources, and maximize project value throughout the construction lifecycle.