

WE UNDERSTAND YOUR NEEDS

QUASCO

Design & Engineering Management
Cost & Commercial Management
Project Management

Mumbai | Navi Mumbai | Pune | Bengaluru

About Us

Quasco consulting India Private Limited

has come a long way since its inception.

“

Our moto **“WE FOCUS ON UNDERSTANDING YOUR NEEDS”** helps us do what is best for the client.

“

We do not hesitate to go that extra mile to provide the service that is required.

QUASCO, is one of the fastest growing design and project management consultancy firm with global footprint. **QUASCO** provides end-to-end, construction solutions across all major sectors viz. residential townships, commercial complexes, industrial, Institutional and infrastructure

QUASCO provides concept to commissioning services through the project life cycle. It takes on every element of construction project ranging from project initiation and feasibility, planning, detailed design, tendering, cost management, project management and construction supervision commissioning and finally to operation and maintenance.

QUASCO, is a trusted partner in construction consulting services. With a commitment to excellence innovation, and client satisfaction, we have established ourselves as a leading force in the construction industry by delivering :



TIMELINE

Services offered (Present)

- Project Management Consultancy
- Qs and Cost consultancy
- MEP Design
- Interior Design
- **BIM (In progress & being implemented)**

Design & PMC Company **2021**

By 2022, we evolved into a comprehensive design and PMC company, with in-house capabilities for MEP design for all types of structures, interior design, and PMC services in all major cities.

2020 Development & Skill

We overcame one of the most significant disasters in human history and continued to serve our clients throughout these challenging times, developing skills and knowledge about the industry along the way.

Quasco Consulting (I) Pvt. Ltd. **2019**

In 2019, Smart Solution transitioned into a private limited company and established regional offices in Bengaluru and Pune. Additionally, we launched our MEP Design division

2017 PMC Division

We began PMC projects for residential and commercial properties, including a luxury showroom near Mumbai International Airport.

Smart Solution QS and Cost Consulting **2015**

PROJECT CATEGORIES

An aerial view of a city skyline, featuring a prominent skyscraper with a spire in the center. The image is overlaid with a teal gradient and a dark teal banner containing project categories.

Data Centers

Horizontal and plotted Development

Private Villas and Estate Properties

Industrial and Warehouse Projects

Commercial & Institutional

Residential and Mix Development

PMC SERVICES

PRE-CONSTRUCTION MANAGEMENT

DESIGN & ENGINEERING MANAGEMENT:

- Facilitating design workshops and coordinating design and drawing with consultants at each design stage.
- Value engineering exercise focusing on design efficiencies in architecture, structure, and MEP.
- Ensure 'Design to Cost' and monitor 'Target Project Efficiencies,' focusing on both design and cost efficiencies.
- Maintain & Track Drawings/Design-Registers & Change Management-Change Request Forms (CRF).

COST MANAGEMENT:

Budget & Costing:

- Cost plan/Budget preparation for each stage (CD/SD/DD/GFC)
- Prepare **Contract Strategy** for **contracts & Procurement** suiting the project requirements.
- **Detailed Tender Packages** to be defined per Contract strategy.

PROCUREMENT & CONTRACTS :

- **Co-ordination** with Project team & Strategic Procurement / Strategic Contract Team for Material/Services procurement.
- Prepare/Track/Monitor the **TES(Tender Event Schedule)** & highlight the Critical Procurements to keep the project on Schedule.
- Detailed **tender packages** to be defined for Services-Contracts/Materials.
- **Requisitions**- Material procurement support – with monthly and quarterly look ahead schedules.

TENDER & CONTRACT MANAGEMENT:

- Vendor Generation-Prequalification & Recommendation.
- Tender Documentation-Floating & Pre-Bid Co-ordination
- Tender Estimates & Budgetary provisions as per approved budgets.
- Collection of Offers & comparison
- Carry negotiations at different levels to bring it within the Budgeted & Tender Estimate Values.
- Recommendations for award
- Preparation of Issue of LOI/LOA/WO/Agreement

CONSTRUCTION MANAGEMENT

PLANNING, MONITORING & CONTROL:

Monitoring of Time/Schedule:

- Preparation of Project Schedule/Planning–Milestone/Micro Schedule
- Monitoring & Control–Plan Vs Actual–Catch Up Plans as agreed frequency
- Provide audit assistance wrt–SOP Compliance.

MIS & REPORTING:

- Prepare & maintain the various trackers wrt schedule adherence.
- Provide & maintain – DPR/ Weekly /Monthly MIS as per approved formats & templates
- Prepare Quality & Safety MIS
- Provide Cash Flow–update as per agreed frequency.
- **Project Risk analysis & reporting:** Identify project specific risks & report with mitigation plan/measures.
- Prepare & maintain– **“Learning Reports” What was planned–What is achieved–What are the learnings**

SITE EXECUTION:

- Ensuring achievement of **target work done** as per the approved Project Schedule.
- Co-ordination & Supervision of daily works.
- Vendor & Contractor Management.
- Work front availability & planning.
- Resources–management–Labour/Plant & Materials.
- Ensuring–Quality Specification adherence/ –Method Statement Monitoring.

QUALITY ASSURANCE & QUALITY CONTROL–QAQC:

- Ensuring compliance of **Project Quality Planning (PQP) & Inspection & Testing Procedures (ITP)**
- Prepare & Maintain method statements, check list. To ensure implementation of **In-process** inspection as per PQP.
- Maintain **NC (Non-conformity) trackers**–ensure closure of NC as per the PQP
- Mock Up Creation/ Recommendation & Approval by Client.
- Co-ordinate with Third party quality assurance.

ENVIRONMENT HEALTH & SAFETY (EHS) :

- Ensuring Monitoring & compliance of **Project safety plan**
- Carry & conduct Safety walk/ safety Visits/Safety Meeting as per the agreed frequency.
- EHS Management-MIS Reporting.

CONTRACT ADMINISTRATION:

- Carry out Periodic Performance evaluation of Vendors/Contractors.
- Prepare & maintain Change & Variation orders (**Change Request Forms-CRF**) along with recommendation wrt Design, Contracts, Cost & time
- Carry out Claim Management & Settlement wrt contract conditions.

BILLING:

- Certification of QS as per executed Site Measurement.
- Certification only through -**Pre-certified MS.**
- Tendered **Basic rate/ Free Issue** materials management & recoveries as per contract.
- Ensuring the Contractual conditions are complied with.
- Payment Certification as per approved Contractual obligations
- Preparation of Cash Flow-Weekly/Monthly/Half Yearly.
- Data Management wrt-Bills received/ Certification & Processed.
- Maintain-Bill registers.
- Co-ordination with Accounts & Finance for release of funds.

FINAL ACCOUNT CLOSURE

- **Final Account Closure** as per the tender packages defined.
- **As Built Drawings** co-ordination:
- **Close Out Report**

OPERATIONS & MAINTENANCE (O&M) SUPPORT POST-HANDOVER : DLP ASSISTANCE

- Providing As-Built data.
- Sharing & Handing over documentation-
-Guarantees/Warranties/Certificates/Operation Manuals/Spares/Keys, etc.
- Providing support for handing over to O & M/FM team- after successful & trouble-free operations for 1 month.
- Any assistance as & when required

MEP SERVICES

OUR PROCESS:

- The design will be developed in different phases, as per the project life cycle
- Senior Engineer Coordination: A senior services design engineer will oversee project progress, attend design and site meetings, and ensure timely completion.
- Drawings Preparation: We will prepare all necessary drawings for submission to authorities, following local regulations and your or your architect's guidance.
- Approval Compliance: 'Good for construction' drawings will strictly adhere to approved plans from local authorities.
- Changes and Instructions: Any changes to approved plans require written consent. We can issue instructions on your behalf for statutory requirements and will inform you promptly.
- Design Documentation: We'll prepare and be responsible for all design and construction documents according to an agreed schedule.
- Site Supervision: We will provide periodic site supervision, while your Project Engineer will handle daily oversight.

Electrical Design Development services

- Develop and expand electrical schematic designs and material lists
- Define performance criteria for general, emergency, and special lighting
- Plan circuiting for lighting, fire alarms, PA systems, and tele/data systems
- Outline equipment sizes, capacities, layouts, riser diagrams, and space requirements
- Design electrical distribution for all building areas, including detailed shaft layouts

Plumbing Design Development services

- Water Supply & Drainage: Schemes, layouts, and details for tanks, pipes, and major plumbing equipment.
- System Diagrams: Riser diagrams, chase requirements, and detailed layouts for water supply and drainage.
- Special Features: Layouts and details for STP, WTP, RWH systems, swimming pools, and water bodies.
- External & Landscape: External drainage layout and landscape water supply & drainage details.

Fire Protections Design Development services

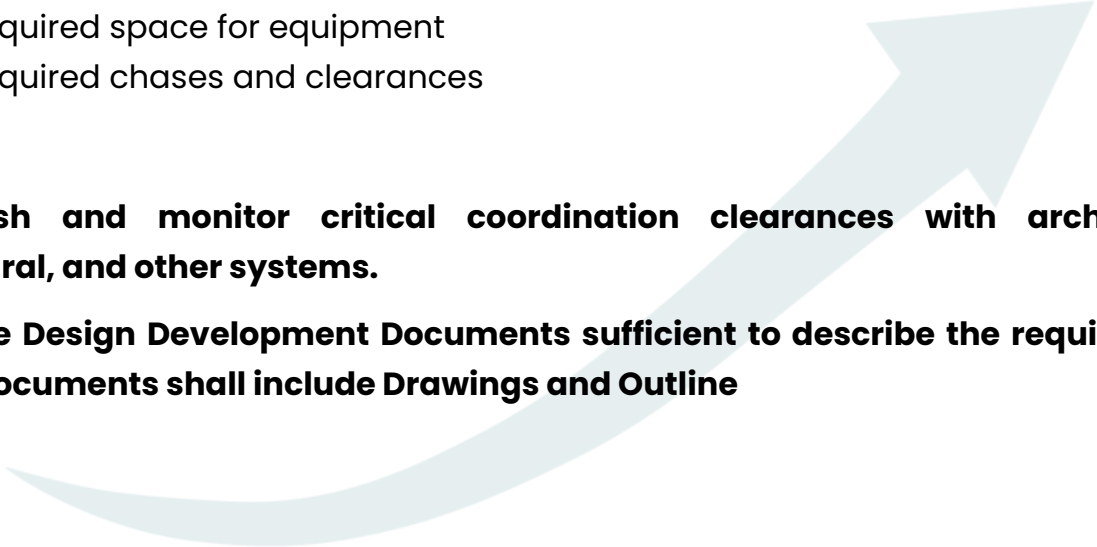
- Schemes, layouts & details of Fire Protection for & common areas.
- Criteria, location sizes & details of water storage tanks, refuge area
- Sizes and clearances of pipes and major fire protection system equipment
- Riser diagram, chase requirements, locations, sizes & detailed layouts for the system
- Detailed layout for each shaft

Mechanical Design Development services

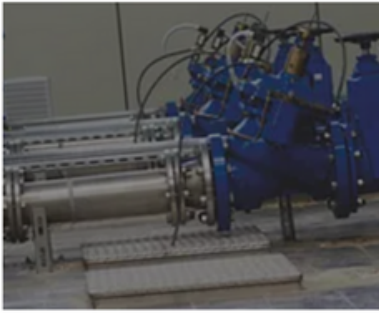
- Schemes, layouts & details of HVAC
- Preliminary equipment and major pipes / duct layouts
- Required space for equipment
- Required chases and clearances

Establish and monitor critical coordination clearances with architectural, structural, and other systems.

Prepare Design Development Documents sufficient to describe the required work. Such documents shall include Drawings and Outline



PLUMBING AND HEALTH ENGINEERING



Water Supply



Sewage Treatment Plant



Sewage Treatment Plant



Water Treatment Plant



Material Selection & Technical Specs



Technical Supervision

ELECTRICAL DESIGN



Load Calculations



Electrical Power Distribution Network



Lighting & Control Layouts



Low Voltage Systems



Plant Room Layout



Material Selection & Technical Supervision

FIRE PROTECTION



Fire Hydrant System



Fire Alarm System



Material Selection & Technical Specification

HEATING, VENTILATION, AND AIR CONDITIONING (HVAC) DESIGN



Heat Load Calculations



Equipment Selection



Technical Supervision

SECURITY, SURVEILLANCE



CCTV



Fire Alarms



Access Control

BMS (BUILDING MANAGEMENT SYSTEM)



Electrical Distribution Controls



HVAC Control



Water Supply Control

QS & COST CONSULTING



QUANTITY SURVEYING

- Detailed quantity take off as per SD,DD,GFC drawings.
- Bill of Quantity (BOQ) and Bill of Materials (BOM's)
- Preparation of cost plan and cost appraisal as per stage of project.
- Design optimization / Value engineering
- Preparation of expenditure forecasting



TENDER & CONTRACT DOCUMENTATION

- Contractual and procurement strategy– packages, tendering & contracts
- Tender packages & Specifications
- Advice on suitability of contractors for tendering
- Tender review & analysis
- Bid evaluation & Contract negotiations.
- Preparation of Letter of award & Contracts.



CONTRACT ADMINISTRATION

- Progress claim variation
- Claim analysis
- Remeasurements of final accounts
- Monthly Cost Reporting
- Claims Study and contract variation
- Cost Audit



REBAR DETAILING

Bar Bending schedules which includes :

- Length and weight of bars
- Bar diameter, quantity of bars
- Notation of bars and overall weight of entire set of bars.
- Placement drawings

PMC PROJECTS



BS TECH PARK , BHAGWANT SANNIDHI



MAPLEWOOD, ITTURKA ENTERPRISE



SHREE RAM CHS , REDEVELOPMENT



HOTEL GALAXY , GALAXY



**NAGARSETH HERITAGE , NAGARSHETH
REALTY LLP**



**HEERA COMMANDERS,
HEERA SIDDHI HOMES**



ROHA EVA ARIA, NIPPON INDIA



RIVULET FARM , SHANTANU RASTOGI

QS & COST CONSULTING PROJECTS



EKTA TRIPOLLIS, EKTA WORLD



MAHAVIR VILLE, NAMAN DEVELOPERS



SAROVA AQUILLA, SD CORP



SAROVA NP 1.2, SD CORP



GODREJ COUNTRY ESTATE, GODREJ PROPERTIES



1000 TREES, JSW



**NARENDRA MODI CRICKET STADIUM
L&T**



PARK WEST, SHAPOORJI PALLONJI REAL ESTATE

MEP PROJECTS



MY FIRST HOME , HAWARE GROUP



WATERFRONT , TRICITY



JEWELL OF PANVEL , MITKAR GROUP



PRIDE STONE , CH REALTY



ELIET RESORT, SWAMIKRIPA DEVELOPERS



OLEANDER FARMS, BERMACO



COMMERCIAL COMPLEX , ANUJGLOBAL HOMES



KANTI MAHAL , SUNVISION DEVELOPERS

INTERIOR DESIGN PROJECTS



ISPRAVA – THEME 1 GREEK SANTONI



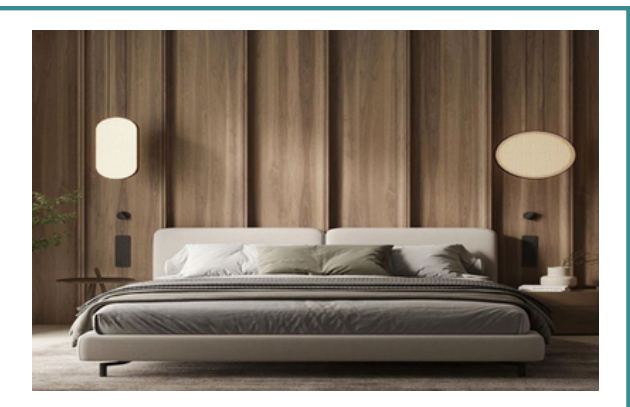
ISPRAVA – THEME 2 TRANSITIONAL



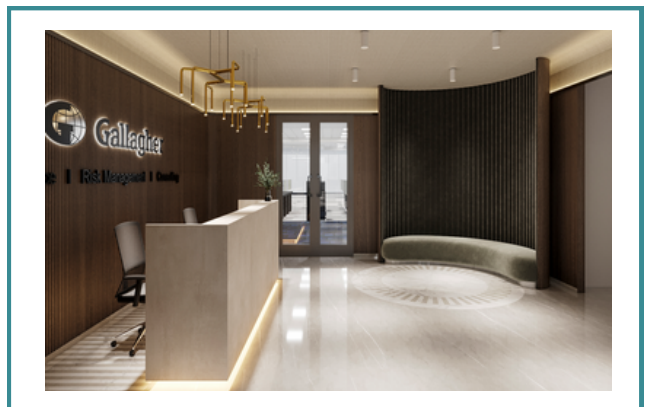
MINIMAL MORDEN



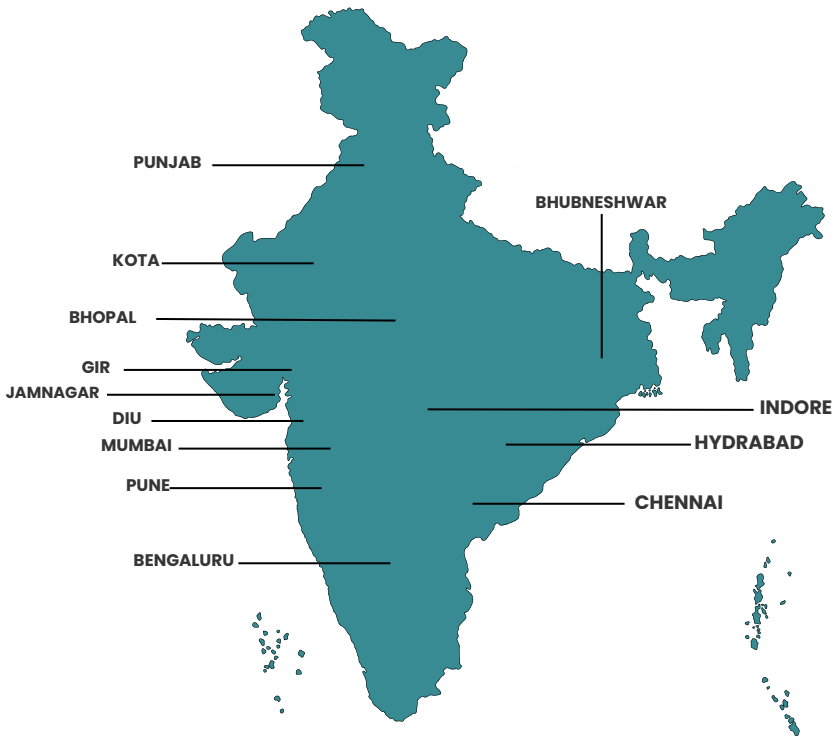
TROPICAL



ASHOK TOWERS , LOWER PAREL



GALLAGHER WORKSPACE, GALLAGHER



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