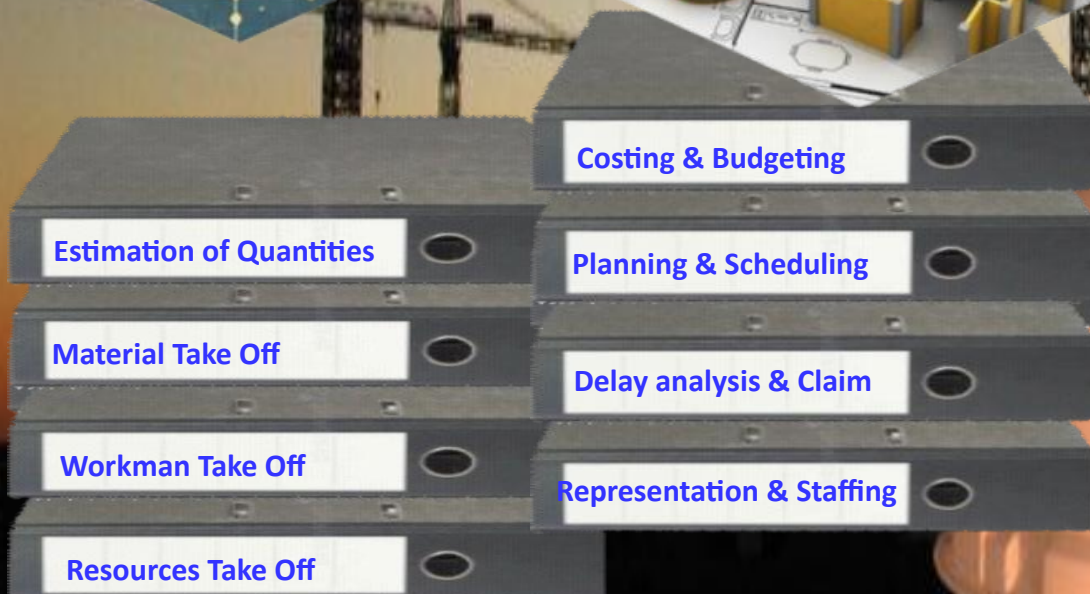
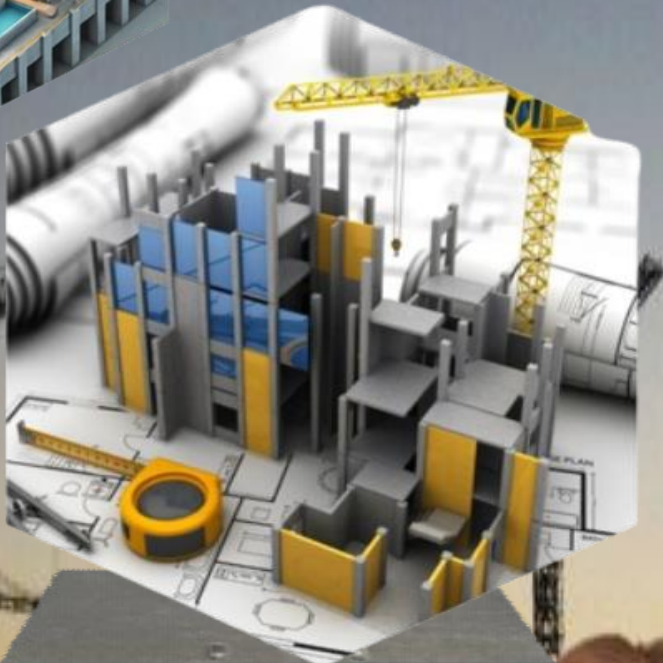
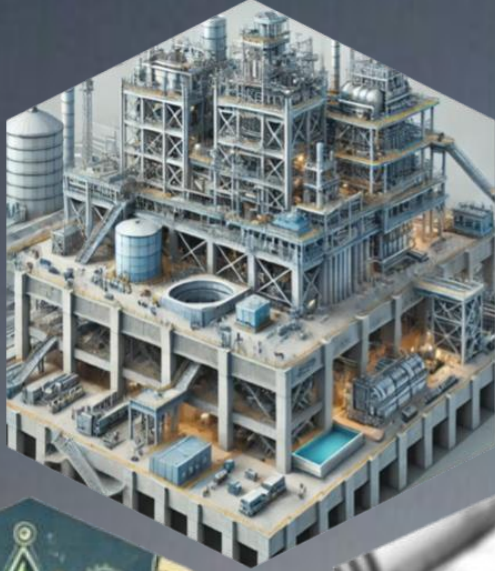


SHAPING THE SHAPE

QUANTITATIVELY • TIMELY • COST

EFFECTIVELY & PRESCISELY



A. Cost Estimation

Material, labor, and overhead cost analysis

B. Bid Support

Detailed take-off data for competitive bidding

C. Material Procurement Planning

Generating procurement lists from take-off data

D. Bid Preparation

Supporting contractors and subcontractors with take-off data for competitive bidding

E. Procurement Planning

Material order schedules and logistics

F. Cost Estimation

Preparing detailed cost estimates based on take-off quantities.

G. Quantity Verification

Cross-checking quantities for accuracy.

H. Verification Services

Cross-checking take-off quantities with designs



I. Material

Essential physical resources required for construction:

J. Workforce

Skilled and unskilled labor essential for construction:

K. Consumables

Items used up during construction processes:

L. Tools

Handheld equipment used for construction and finishing:

M. Instruments

Precision tools for measurement and alignment:

N. Plant & Machinery

Heavy-duty and mechanized equipment for efficiency:

O. Enablers

Supporting infrastructure and facilities for safe and efficient operations:



Earth Concrete Masonry Civil Works

- **Earthwork**
Excavation and backfill volumes
Grading and site levelling
Cut and fill calculations
- **Concrete Work**
Foundations (footings, rafts, etc.)
Slabs, beams, and columns
Retaining walls
Pavements, driveways, and sidewalks
Precast elements (staircases, panels, etc.)
- **Masonry**
Brickwork, blockwork, and stonework
Plastering and rendering quantities
Drainage and Utilities
Stormwater and wastewater pipelines
Manholes, catch basins, and culverts
Utility trenching and bedding
- **Roadworks**
Base and sub-base materials
Asphalt and concrete pavement
Kerbs, gutters, and signage
- **Landscaping**
Topsoil, turfing
Planting quantities
Hardscaping elements (pavers, fences, etc.)
- **Miscellaneous Civil Works**
Boundary walls
Swimming pools and water features

Equipment

- **Material Handling**
Cranes, forklifts, and hoists
Conveyors and belts
Process Equipment
Storage tanks, silos, and vessels
Piping systems and accessories
Pumps, valves, and fittings
- **Erection Support**
Temporary scaffolding and formwork
Lifting equipment and rigging materials
- **Maintenance Equipment**
Platforms, ladders, and walkways
Inspection tools and access equipment

Architectural

- **Interior Finishes**
Flooring (tiles, carpets, hardwood, etc.)
Wall finishes (paint, wallpaper, cladding)
Ceiling finishes (gypsum, acoustic panels, etc.)
Doors and Windows
Door and window schedules
Glass and glazing requirements
Frames and hardware quantities
- **External Finishes**
Cladding (stone, metal panels, composite materials)
Facade systems and weatherproofing
Roofing (tiles, sheets, insulation, etc.)
- **Fixtures and Fittings**
Sanitary ware and plumbing fixtures
Lighting fixtures
Cabinets, wardrobes, and joinery
Furniture and Equipment
Quantities and specifications for built-in furniture
Shelving, railings, and handrails
- **Miscellaneous Architectural Elements**
Decorative elements and moldings
Staircase finishes

Equipment

- **Material Handling**
Cranes, forklifts, and hoists
Conveyors and belts
Process Equipment
Storage tanks, silos, and vessels
Piping systems and accessories
Pumps, valves, and fittings
- **Erection Support**
Temporary scaffolding and formwork
Lifting equipment and rigging materials
- **Maintenance Equipment**
Platforms, ladders, and walkways
Inspection tools and access equipment

Mechanical

- **HVAC Systems**
Ductwork and fittings
Ventilation fans and louvers
Air handling units (AHUs) and chillers
Insulation materials
Plumbing and Drainage
Pipework for hot and cold-water systems
Fittings and fixtures (elbows, tees, flanges, etc.)
Sanitary piping and vent stacks
Drainage and rainwater systems
- **Fire Protection Systems**
Sprinkler system
pipework
Valves, fire pumps, and control panels
Fire extinguishers and hose reels
- **Equipment Installation**
Boilers, pumps, and compressors
Tanks and reservoirs
Conveyors, hoists, and industrial machinery
- **Miscellaneous Mechanical Items**
Structural supports for equipment
HVAC grilles and diffusers

Str. Steel Fab & Erection

- **Structural Steel Elements**
Beams, columns, and girders
Trusses, bracings, and purlins
Plate girders and box girders
Connections
Bolts, nuts, and washers
Weld lengths and welding materials
Base plates, stiffeners, and gussets
- **Erection Materials**
Lifting equipment and cranes
Temporary bracing and supports
Surface Treatments
Painting, galvanizing, or coating quantities
Miscellaneous Steelworks
Gratings, stairs, and railings
Handrails and ladders
Metal decking and floor plates

Equipment

- **Material Handling**
Cranes, forklifts, and hoists
Conveyors and belts
Process Equipment
Storage tanks, silos, and vessels
Piping systems and accessories
Pumps, valves, and fittings
- **Erection Support**
Temporary scaffolding and formwork
Lifting equipment and rigging materials
- **Maintenance Equipment**
Platforms, ladders, and walkways
Inspection tools and access equipment

Planning Services

Comprehensive project planning to define objectives, allocate resources, and create detailed workflows to ensure on-time, within-budget delivery. Includes scope definition, milestone setting, and critical path analysis.

Scheduling Services

Creation of detailed project schedules using advanced tools like Primavera P6 and MS Project. Focused on timelines, resource allocation, dependencies, and project monitoring.

Progress Monitoring & Reporting

Real-time tracking of project progress through dashboards, detailed reports, and analytics. Identifies deviations, generates progress curves, and ensures stakeholders remain informed of performance against baseline schedules.

Project Detailing

Accurate and detailed documentation of project elements, including technical drawings, bill of quantities (BOQ), and construction sequencing to ensure precision and compliance with standards.



Claim Settlement Services

Preparation, submission, and negotiation of claims for contractors and stakeholders. Services include cost escalation, variation claims, and dispute resolution with professional guidance.

Cost Damage Assessment

Evaluation of financial damages resulting from delays, disruptions, or unforeseen events. Services include quantification of direct and indirect costs and expert assistance in preparing claims.

Schedule Delay Mitigation

Development of strategies to minimize delays,

BIM & Estimation Software Proficiency

Associated and equipped with experts in the field, we provide cost-effective and time-efficient take off and costing services using specialized software, tailored to meet the specific demands of our customers.

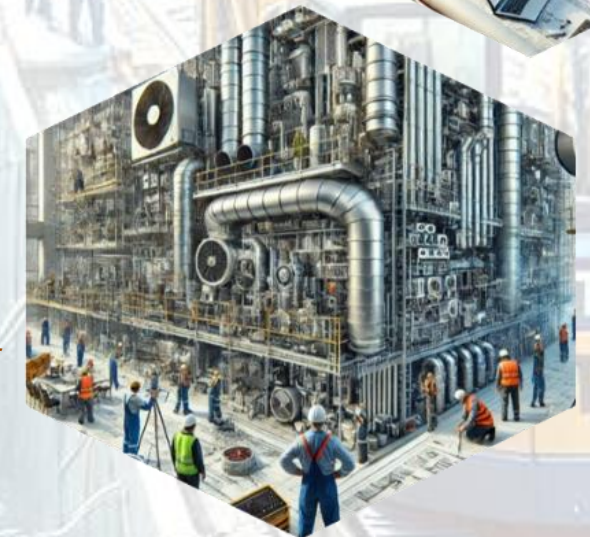
- **Autodesk Revit**
Industry-standard for BIM; supports architectural design, structural engineering, and MEP modelling.
- **Navisworks**
Used for 3D model review, clash detection, and coordination.
- **Bentley Open Buildings Designer**
Comprehensive BIM software for architectural and engineering design.
- **Tekla Structures (Trimble)**
Specialized in structural design and detailing.
- **AutoCAD Architecture**
Combines familiar CAD tools with architectural functionality.

Estimation Software

- **CostX (Exactal)**
Combines 2D take off, 3D model take off, and estimating in a single platform.
- **Bluebeam Revu**
Ideal for digital measurement and material take offs from PDF drawings.
- **PlanSwift**
Used for on-screen take offs and cost estimating.
- **WinEst**
Advanced estimation tool for large construction projects.
- **On-Screen Take-off (OST)**
Offers fast and accurate take-off solutions.

Integrated BIM and Estimation Software

- **Autodesk Construction Cloud**
Combines BIM and estimation workflows in a single cloud-based platform.
- **BIM 360 Cost Management**
Part of the Autodesk BIM ecosystem, ideal for cost control and project management.
- **Trimble Connect**
Connects BIM workflows with cost estimation and collaboration tools.
- **Vico Office**
Provides 4D BIM, 5D cost estimation, and construction scheduling.
- **Asite**
Offers a Common Data Environment (CDE) for BIM data and cost management.





Take Off Presentation Sample				
SCHEDULE	Month 1	Month 2	Month 3	Month 4
Foundation				
Plinth				
Gr Floor				
First Floor				

BOQ	Foundation	Plinth	Gr Floor	First Floor
Concreting	250 CuM	120 CuM	256 CuM	256 CuM
R/F	30000 kG	14400 kG	30720 kG	30720 kG
Brick work	0 CuM	700 CuM	2500 CuM	2500 CuM

Material Take Off	Foundation	Plinth	Gr Floor	First Floor
Cement	2000 Bags	6560 Bags	22048 Bags	22048 Bags
R/F Steel	30900 kG	14832 kG	31642 kG	31642 kG
Sand	200 Ton	656 Ton	2205 Ton	2205 Ton
Aggregate	400 Ton	1312 Ton	4410 Ton	4410 Ton
Brick	0 Nos	245000 Nos	875000 Nos	875000 Nos

Workman Take Off	Foundation	Plinth	Gr Floor	First Floor
Unskilled	290 Man Days	284339 Man Days	1015297 Man Days	1015297 Man Days
R/F Fitter	260 Man Days	254925 Man Days	910266 Man Days	910266 Man Days
Shutt.Carpenter	200 Man Days	196096 Man Days	700205 Man Days	700205 Man Days
Mason	200 Man Days	196096 Man Days	700205 Man Days	700205 Man Days
Helpers/Semi Skilled	50 Man Days	49024 Man Days	175051 Man Days	175051 Man Days
Total Per Month	1000 Man Days	980480 Man Days	3501024 Man Days	3501024 Man Days
Total Per Day	40 Man Days	39219 Man Days	140041 Man Days	140041 Man Days





QonTrack.org is the official web address of BHAROSHA Project Services Pvt. Ltd., a company established to provide comprehensive services in Quantity Surveying, Costing, Quantification, Detailing, Planning & Scheduling, Claim Management, and Staffing. Founded by experienced professionals from various project and construction management backgrounds, we are dedicated to delivering exceptional project performance with precision and efficiency.

Equipped with advanced estimation software and leverage cutting-edge tools to ensure precision in every phase of the project lifecycle. Our team excels in Project Planning, Cost & Quantity Surveying, Contractual Arbitrary Matters, Delay Analysis, Claims Management, Project Scheduling, Detailing, and Project Management, supported by robust infrastructure and facilities tailored to handle projects of any complexity.

With strategically located offices in Bhubaneswar, Gurugram, and Chandigarh, we are supported by a dedicated startup team of professionals ready to address the challenges of modern infrastructure and industrial projects.

The founders and executives of BHAROSHA Project Services Pvt. Ltd. possess deep expertise in construction and project management, with a proven track record of mobilizing capital and infrastructure for complex projects. Backed by this robust experience and commitment, we ensure the execution of projects of any scale within established timelines, adhering to the highest standards of quality and client satisfaction.

Professionals, associated with reputed organizations, have consistently delivered exemplary results and achieved significant milestones from a project performance perspective, ensuring innovation, efficiency, and excellence in every undertaking.

The TEAM is guided by the professionals with experts who bring decades of experience from reputed Indian multinational companies such as L&T, TATA Steel, SAIL, NTPC, NHAI, Essar, JSPL. Our team specializes in Project Planning, Cost & Quantity Surveying, Contractual Arbitrary Matters, Delay Analysis, Claims Management, Project Scheduling, Detailing, and Project Management across a wide range of sectors, including Metro Rail Projects, Industrial Units, Infrastructure Development, Steel Plants, Cement Plants, and Food Processing Units.

The team is led by a group of retired and active professionals who have joined from across the country, bringing together their wealth of experience to work with ethics and integrity, driving the nation's development forward. Their commitment to professionalism and quality ensures innovative and sustainable solutions for complex projects.

BHAROSHA Project Services Pvt. Ltd

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GSTIN: 21AAGCB2153E1ZD CIN: U45202OR2015PTC018686 PAN : AAGCB2153E PF Code ORBBS2103886000