



Add value.
Inspire trust.

Project management and construction supervision

Complete projects on time, within
budget and on target

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Your challenges

As construction projects expand in both scale and complexity, number of stakeholders like EPCs, contractors and subcontractors get inevitably involved. This increases the likelihood of operational challenges caused due to lack of clarity in technical specifications, specific client requirements, regulatory requirements or coordination among various stakeholders to name a few. Concerns on reliable and safe construction also need to be addressed. Any lapse in this highly complex operational environment can lead to cost overruns, project delays and reputational damages.

Why is project management and construction supervision important?

Project management encompasses every stage right from feasibility and planning to execution and completion. It helps you get an understanding and definition of objectives, followed by the implementation of a strategy to achieve them. It enables you to direct and coordinate resources to ensure that the project goals are met. Project

management and construction also involves expert supervision to ensure that clients get the technical quality they expect. Engaging in an effective project management solution is critical to ensure that deliverables are completed in a timely and cost-effective manner.

How can we help you?

Our project management experts help you to achieve project completion on time and within budget, with desired quality through seamless coordination with various stakeholders. We possess a multidisciplinary pool of experts with knowledge and experience in design, engineering and construction processes, all of which are critical for an effective project management. We help you to minimise the risks associated with your project and provide timely information and project deviations due to changes in specifications and enable you to achieve cost optimisation. This enables you to take corrective measures in case of any deviations identified in course of implementation, thus saving on costs and adhering to timelines. As an independent third party, we provide an

impartial analysis that helps in assessment for disputes and contractor claims.

Our services:

Our project management and construction supervision offerings are divided in pre-construction and construction phase.

Pre-construction phase:

- **Design review** – In order to maximise the functionality of projects in terms of cost and design criteria, we evaluate the design according to the expectations and requirements of our clients and international standards.
- **Cost and time management & scheduling** – Our experts provide a method to improve cost certainty and control the time spent on activities at each stage of the project to ensure timely completion without cost overrun.
- **Tender and contract management** – We represent our clients in managing the tender phase of projects through the development of a tender programme and preparation of tender documents. We evaluate all proposals based on pre-qualification systems, as well as technical and cost evaluations before selecting a contractor.
- **Risk management** – We help you to define, evaluate and mitigate risk factors that may affect project objectives to ensure the best outcome.

Construction phase:

- **Construction management** – We supervise and coordinate with all contractors in terms of time and budget management, whereas ensuring quality and safety to ensure that the construction proceeds safely and conforms to plans and specifications.
- **Project monitoring** – We monitor all stages of the project cycle. Our experts systematically collect and analyse information to identify and measure changes over a period of time. We also regularly provide progress report of the project in terms of time, cost, resources, quality and safety having transparency throughout the cycle.
- **Procurement and contract administration** – We ensure that materials are procured at the right time, in perfect condition and at reasonable rates. Our experts also manage negotiations and contract procedures with contractors to minimise all risks involved in the construction phase.
- **Quality assurance and control** – Our experts are deployed at the site to supervise contractors' work to ensure that all the activities in the project conform with

the technical specifications and client requirements to achieve desired quality. We also carry out Non-destructive and Destructive evaluation of the process and of critical material to ensure the quality of job.

- **Non-destructive Testing (NDT) services** – We have a comprehensive NDT set up with highly skilled experts and on-site inspectors trained to perform testing in accordance with all international standards. Our NDT services enable you to maintain highest standards of quality throughout the life-cycle. We perform thickness measurement test, visual testing, surface/sub-surface flaw detection, hardness testing, welding inspection, etc.
- **HSE services** – We apply our in-depth knowledge of industry regulations and supervise health, safety and environmental conditions of the project site.
- **Training and personnel certification** – We provide customised conventional and digital training aiming to minimise risk of accidents, rejection and time. We also aim to enhance skills of operators by providing certification like welding, NDT level II, HSE, etc.
- **Dispute resolution and claims analysis** – In case of any disputes, we support our clients by presenting or analysing each case with diligence and professionalism, providing a robust and comprehensive rationale.
- **Hand-over** – We inspect the project and ensure that it complies with design and system requirements. Our experts also ensure that the facility is functioning properly based on the final acceptance test.

Your business benefits

- **Benefit from one-stop solutions** – with our tailored services, from feasibility to commissioning.
- **Assure quality and save time** – with our interdisciplinary support. By benefiting from efficient single-source control, you can ensure your project runs on schedule while mitigating losses and quality issues.
- **Achieve certainty in planning** – with our support in recognising quality problems early on. This helps to avoid damage and expensive rework while reducing your risk liability.
- **Ensure availability and functionality** – by involving an experienced partner in the design and implementation phase, reducing downtime and guaranteeing effectiveness from an early stage.
- **Control cost/reduce rework** – with our integrated management to ensure safe, cost-effective construction, right from the onset of your projects, thereby reducing cost from expensive rework.



- **Safeguard your investment** – with a realistic assessment of project risk, delivery and performance.
- **Avoid conflicts and disputes** – with other stakeholders through effective coordination and communication and verification of contractual conditions.
- **Gain a competitive edge** – by building a trusted brand based on the service availability and safety of your plant.
- **Minimise risk** – with our knowledge of technical guidelines, regulations and standards. Ensure compliance with national and international legislation.
- **Tailor your solutions** – with customer-focused services designed for the specific needs of each stakeholder.

Why choose TÜV SÜD?

TÜV SÜD’s reputation as an independent third-party technical service provider ensures reliability and certainty when planning and managing projects. We offer a wide range of services to address and resolve many complex challenges, from design review and construction to final inspection, commissioning, refurbishment or dismantling

support. We support you with extensive experience accumulated from international public, private and joint sector projects, coupled with an in-depth familiarity with all relevant local directives and standards. This helps to ensure transparent and successful execution and implementation of your construction projects. Considered authorities in the field, our experts proactively participate in the preparation of national and international directives and standards governing safety of buildings and engineering structures. We can provide you with insights and best-in-class advice to manage your risks and liabilities.

Add value. Inspire trust.

TÜV SÜD is a trusted partner of choice for safety, security and sustainability solutions. It specialises in testing, certification, auditing and advisory services. Through more than 25,000 employees across over 1,000 locations, it adds value to its customers, inspiring trust in a physical and digital world.

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