

OUR SERVICES

Project Management Services (part 1)

Major construction projects are complex undertakings, often involving dozens of subcontractors and suppliers, thousands of workers, and millions of dollars in material, equipment, and services. Orchestrating such operations demands first-rate construction management- which **CMCCO** has provided many years for normal and high scale projects.

As a construction management company, **CMCCO** has executed direct-hire projects of all types. This experience has provided the Company with the in-depth knowledge of the construction processes necessary for good management at all stages of a project, from pre-design stages, through engineering, procurement, construction, commissioning, start-up and all the way till handing over.

Furthermore, **CMCCO** is an expert in managing bid processes, negotiations, contract awarding, material management, construction and field administration; commissioning and maintenance of operations. **CMCCO** is also a leader in change management, which allows us to identify potentially costly changes in scope before they become problems. Most importantly, **CMCCO** is committed to achieving "Zero Accidents, Free Injury" projects. Our HSE standards and procedures have brought us recognition as one of the safest companies in the region, providing workers safe sites and working environments and saving our customers time and money.

In projects where the client does not wish to hire more than one consultant party to handle the entire project, **CMCCO** is ready to act as the complete site supervision party maintaining all aspects of the project to meet the clients requirements and ultimate satisfaction. For such projects, **CMCCO** will act as the engineering consultant as well as the project management consultant, handling your project completely. For projects that are not large scale, this might prove more efficient and less expensive for the client.

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Project Management Services (part 2)

CMCCO's Project Management Service breakdown:

⇒ *Construction Management*

- Full Management for Project activities in the Pre-tendering stage.
- Full Management for Project activities in the Execution stage.
- Implementation of Construction Management Processes from initiation to closing.
- Risk Management.
- Procurement Management.
- Quality Assurance and Control.

⇒ *Design Management and Submittal Coordination:*

An intensive review of all design documents is made by our team of consultants to identify problems with coordination. Errors are modified and omissions are made with the design in order to enhance its quality and avoid critical mistakes in later stages of the project.

These design reviews are conducted to conform to the following key principles:

- Valid design criteria and justifiable assumptions;
- Requirements from the statutory authorities;
- Applicable codes and regulations;
- Accuracy and full coordination;
- Contractual requirements of the Terms of Reference and design agreement;
- Implementation of cost effective systems and materials;
- Highest possible standards of production;

Further, our department will review all the generated design documents and will prepare the shop drawings as well as the as-built drawings. Scope of works includes the following:

- Design Qualification;
- Design Evaluation;
- Design Criteria Preparation;
- Design Planning and Progress Monitoring;
- Design Change Management;
- Submittal Coordination;
- Value Engineering & Design Review;

⇒ *Planning and Scheduling*

- Master Planning;
- Financial Planning;
- Resources Planning and Management;
- Progress Reporting;
- Planning Revision;
- Extension of time revision and delay events analysis;
- Project Integration Management;



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Project Management Services (part 3)

⇒ *Estimation and Costing*

- Cost Estimation and Budget preparation;
- Change Management;
- Performance Management;
- Implementation for Estimation and Cost Control Procedures and System;

⇒ *Contracts Management*

- Tender Conditions;
- Tender Document Preparation;
- Contracts Management in Progress;
- Change Management Tracking;
- Claims and Counter Claims;
- Disputes Resolution and Attributes;
- Contracts Closeout;

⇒ *Quality Control/Quality Assurance*

The project management team is the unbiased agent for the owner to maintain the highest quality standards within budget, minimizing Repair and Re-work and enhancing the profit, reputation and time management of a project. On large scale projects all aspects can be managed properly through quality management procedure and document controlling systems. This ensures that the objectives of the Contractor and Client are maintained throughout the project.

Quality control procedures involve several activities and areas of the project:

- Quality Control of construction activities
- In-situ QA/QC
- Specification review
- Deliverables Review/Preparation
- QA on design drawings and technical details
- Document Control and Documentation procedures
- Technical Support for Procurement

⇒ *Quantity Surveying*

Quantity surveying is a crucial part of successful projects. It starts with the review of the quantities in the approved design and establishing a bill of quantities. This is followed with the checking and monitoring of the applied quantities on site and providing progress and remaining quantities reports. The overall process involves the following:

- Specification of Items;
- BOQ (Bills of Quantity);
- Change Management Tracking;
- Certification;
- Implementation of Quantity surveying procedures;

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Project Management Services

Project Management Services Breakdown

