



MAGNUM CONSTRUCTION SERVICES INC.

PROJECT EXECUTION PLAN (PEP)

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1. PURPOSE

To define the overall management, control, and execution strategy for the successful delivery of construction projects under **Magnum Construction Services Inc.** This plan provides a coordinated framework for project governance, resource allocation, communication, safety, quality, and environmental performance throughout the project lifecycle.

2. SCOPE

This plan applies to all **Magnum Construction Services Inc.** projects, covering:

- Project initiation, planning, execution, monitoring, and closeout phases.
 - Coordination of multidisciplinary construction activities (civil, structural, MEP, architectural).
 - Integration with the corporate Quality, Safety, and Environmental Management Systems (ISO 9001 / 45001 / 14001).
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3. PROJECT INFORMATION

Project Title

Client / Owner

Consultant / Engineer

Project Manager

Contract No.

Start Date / Completion Date



Project Title

Contract Value

Project Location

Project Duration

4. RESPONSIBILITIES

Role	Responsibility
Project Director	Provides executive oversight and ensures alignment with corporate policies and strategic goals.
Project Manager	Leads all aspects of project delivery, including safety, schedule, budget, and client communication.
Construction Manager	Directs field execution, logistics, and coordination among subcontractors and trades.
QA/QC Manager	Implements the Project Quality Plan and oversees inspections, ITPs, and test records.
HSE Manager	Ensures compliance with HSE requirements, manages risk assessments, and incident prevention.
Planning Engineer	Develops and maintains the baseline schedule and monitors progress using earned value methods.
Procurement Manager	Manages material sourcing, subcontracts, and vendor compliance.
Document Controller	Maintains all project records, transmittals, and controlled documentation.

5. PROJECT OBJECTIVES

- Achieve **Zero Incidents** through proactive safety management.
- Deliver project **on time, within budget, and per contract specifications**.
- Maintain **quality compliance** with ISO 9001 and client technical standards.
- Ensure **environmental protection and sustainability** in all operations.
- Promote **positive stakeholder and community relations**.

6. EXECUTION STRATEGY

Discipline / Function	Strategy Overview
Construction Sequencing	Define logical work breakdown structure (WBS) and activity sequencing per CPM schedule.
Procurement	Centralized purchasing using approved vendor list (AVL) and long-lead item tracking.
Subcontractor Management	Prequalification, scope definition, and performance evaluation per MCS-QM-F11.
Quality Management	Implementation of PQP, ITPs, material inspections, and test records per MCS-QM-01.
HSE Management	Site-specific safety plans, toolbox talks, incident reporting, and risk assessments per MCS-HSE-Manual.
Environmental Management	Compliance with EMP and local environmental permits.
Design Coordination	RFI, shop drawing, and design change control procedure.
Cost Control	Budget baseline tracking, monthly cost reports, and variance analysis.
Scheduling	Primavera P6 baseline, progress updates, and 3-week lookahead planning.
Communication	Weekly progress meetings, minutes, and transmittal logs.

7. RISK MANAGEMENT

- Identify, assess, and mitigate project risks through a **Risk Register**.
 - Assign ownership and response strategies (avoid, mitigate, transfer, accept).
 - Conduct periodic risk review meetings during execution.
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8. RESOURCE PLANNING

Resource Type	Description
Manpower	Trade-wise workforce planning, mobilization schedule, and productivity tracking.
Equipment	List of major construction plant and equipment, maintenance records.
Materials	Procurement log for bulk and long-lead materials.
Subcontractors	Approved list, contract scope, and performance status.

9. PROJECT CONTROLS

- **Scheduling:** Primavera P6 baseline, progress S-curves, recovery plans.
 - **Cost Management:** Monthly cost report, earned value analysis, forecast-to-complete.
 - **Change Management:** Variations logged and tracked per contract procedure.
 - **Reporting:** Daily Reports, Weekly Progress Reports, Monthly Executive Reports.
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10. COMMUNICATION & COORDINATION

- Weekly progress meetings with client, consultant, and key subcontractors.
 - Daily coordination meetings with foremen and supervisors.
 - All correspondence managed through the **Document Control System** (DCR / RFI / Submittal Logs).
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11. PROJECT CLOSEOUT & HANDOVER

- Completion of **Punch List** and **As-Built Documentation**.
 - Submission of **Turnover / Handover Dossiers (MCS-QM-F12)**.
 - Final QA/QC approval and **Substantial Completion Certificate**.
 - Archival of all project records per the **Records Retention Policy**.
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12. APPROVALS

Reviewer	Department	Signature / Date	Comments
Project Manager	Operations		
QA/QC Manager	Quality		
HSE Manager	Safety		
Executive Director	Corporate		
Client / Consultant	External		

13. RECORD RETENTION

All Project Execution Plans and related documentation shall be retained for **10 years** after project completion.

Digital copies shall be stored in the **Magnum Construction Document Control System (QMS SharePoint / ERP)** for traceability and audit purposes.
