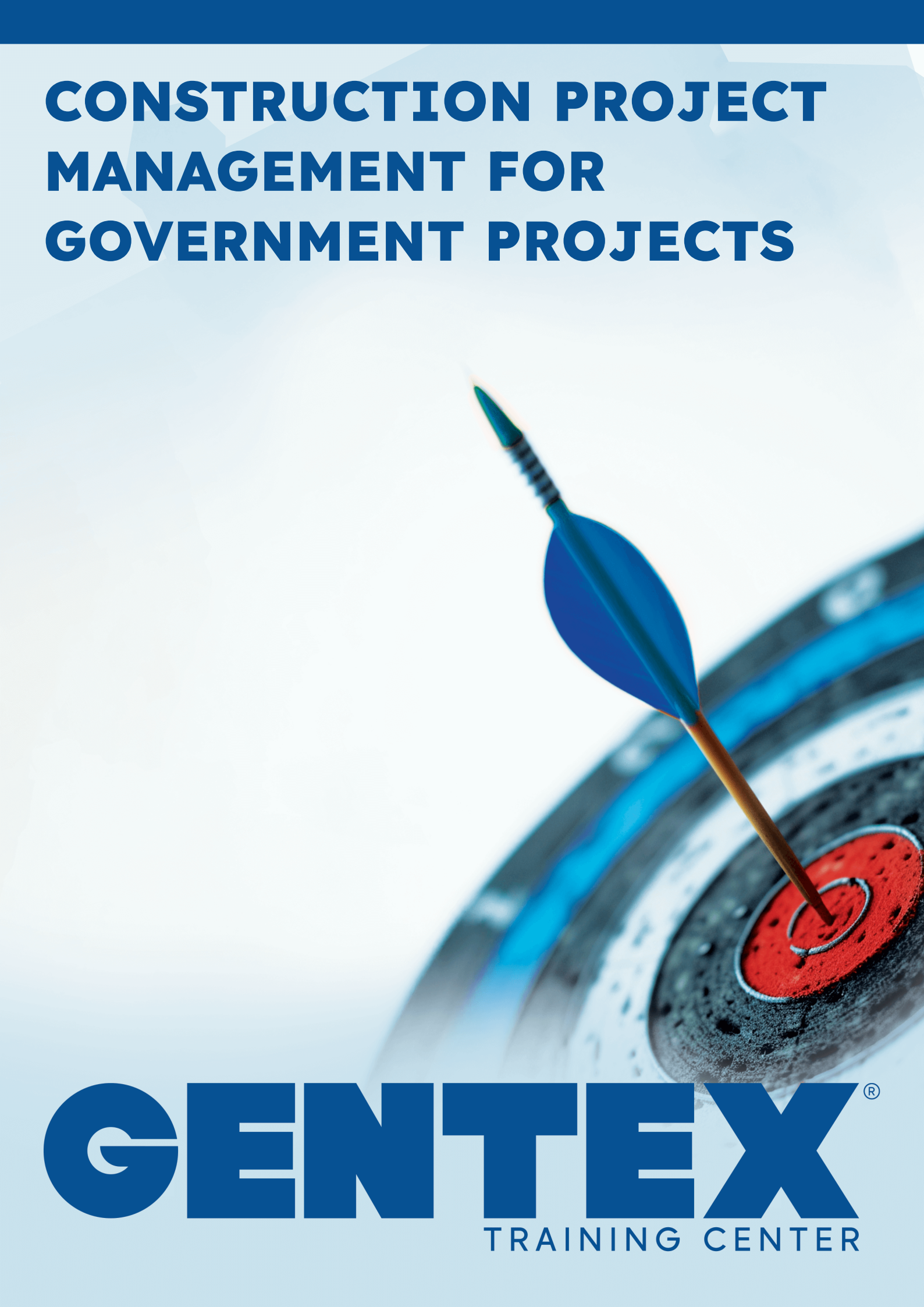
CONSTRUCTION PROJECT MANAGEMENT FOR GOVERNMENT PROJECTS



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TRAINING CENTER

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Introduction

Construction Project Management for Government Projects examines how public bodies deliver construction works on time, within budget, and under public scrutiny. This Training Course covers public procurement, contract administration, cost control, and accountability reporting. Participants study the PMBOK Guide performance domains, FIDIC contract forms and their administration, public procurement rules and competitive tendering, AACE International cost estimate classes, the critical path method and DCMA 14-point schedule assessment, earned value management with SPI, CPI and TCPI, the Society of Construction Law Delay and Disruption Protocol, Monte Carlo cost and schedule risk analysis, HSE and site safety regulation, quality assurance and inspection regimes, ISO 19650 information management for construction, and audit-ready records and variation management. Furthermore, the programme connects public governance to site delivery through procurement labs, contract administration workshops, and audit review simulations.

Construction Project Management for Government Projects Course Objectives

- Apply the PMBOK Guide performance domains to public construction works.
- Apply public procurement rules and competitive tendering practice.
- Administer FIDIC and standard public works contract forms correctly.
- Apply AACE International cost estimate classes to public budgets.
- Build integrated scope, schedule, and cost baselines.
- Assess schedule quality with the DCMA 14-point criteria.
- Apply earned value management with SPI, CPI, and TCPI.
- Quantify cost and schedule risk with Monte Carlo analysis.
- Manage variations, claims, and payments transparently.
- Govern assurance, audit readiness, and public reporting.

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Course Methodology

- Interactive workshops using real public works files and schedules.
- Procurement and tender evaluation labs.
- Contract administration and variation workshops.
- Schedule health, earned value, and risk exercises.
- Audit and public accountability review simulations.

Who Should Take This Course

- Government project managers and engineers.
- Public works and infrastructure authorities' staff.
- Contract administrators and quantity surveyors.
- Planning and cost control engineers in public bodies.
- Internal audit and inspection professionals.
- Consultants delivering public works contracts.
- Programme managers overseeing public capital budgets.

Construction Project Management for Government Projects Course Outlines

Day 1: Public Project Context and Governance

- Public construction context: accountability, transparency, value for money.
- PMBOK Guide performance domains applied to public works.
- Governance structures, approval gates, and delegated authority.
- Stakeholder landscape: ministries, auditors, and the public.

- Common failures: scope pressure, weak records, late approvals.
- Building the public project governance pack.

Day 2: Public Procurement and Contract Forms

- Public procurement principles and competitive tendering rules.
- Tender documentation, evaluation criteria, and award decisions.
- FIDIC and standard public works contract forms.
- Contract types: lump sum, remeasurable, and cost-plus.
- Bonds, guarantees, and performance security.
- Conflict of interest, integrity, and ethics in procurement.
- Building the procurement and contract pack.

Day 3: Baselines, Scheduling, and Cost Control

- Scope definition and public budget alignment.
- AACE International cost estimate classes in public budgeting.
- Critical path method and DCMA 14-point schedule assessment.
- Cash flow forecasting and public payment cycles.
- Earned value management with SPI, CPI, and TCPI.
- Progress measurement and site record discipline.
- Building the baseline and control pack.

Day 4: Risk, Variations, and Site Delivery

- Risk registers and Monte Carlo cost and schedule analysis.
- HSE regulation, site safety, and environmental compliance.
- Variation orders, change control, and approval thresholds.

- Claims administration and the Society of Construction Law protocol.
- Quality assurance, inspection, and non-conformance handling.
- ISO 19650 information management and record keeping.
- Building the risk, variation, and site pack.

Day 5: Assurance, Audit Readiness, and Reporting

- Stage-gate assurance and independent project reviews.
- Audit readiness: documentation, traceability, and evidence.
- Public reporting, transparency requirements, and disclosure.
- Benefits realisation and asset handover to operations.
- Preventing gaming: optimistic estimates and progress distortion.
- Lessons learned and public works improvement.
- Personal action plan and continuous improvement.

Conclusion

By successfully completing Construction Project Management for Government Projects, participants will have acquired a practical command of public procurement, contract administration, integrated baselining, cost and schedule control, risk analysis, variations management, and audit readiness. They will know how to run a compliant tender, administer a public works contract with defensible records, and report progress to oversight bodies without exposing the project to challenge. In addition, the course prepares delegates to manage variations and claims transparently within approval thresholds. As a result, they return to work ready to deliver public construction works with full accountability. Gentex Training Center delivers this Training Course with a practical, standards-based approach.

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FAQs for the Construction Project Management for Government Projects course

Q1 What is the "Construction Project Management for Government Projects" course about?

It is a five-day programme on delivering public construction works on time, within budget, and under public scrutiny. It covers public procurement and competitive tendering, FIDIC contract administration, AACE estimate classes, the DCMA 14-point schedule assessment, earned value management, Monte Carlo risk analysis, variations and claims, and audit readiness.

Q2 What are the key benefits of the "Construction Project Management for Government Projects" course?

Participants gain the ability to run a compliant tender, administer a public works contract with defensible records, and report progress to oversight bodies without exposing the project to challenge. They also learn to manage variations and claims transparently within approval thresholds.

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Q3 What skills will I gain from the "Construction Project Management for Government Projects" course?

Public project governance with PMBOK performance domain application, approval gate design, delegated authority mapping, and stakeholder analysis, procurement and contracting with public procurement rule application, tender documentation design, evaluation criteria construction, FIDIC contract administration, contract type selection, and performance security structuring, baselines and control with scope definition, AACE estimate class application, critical path analysis, DCMA 14-point assessment, cash flow forecasting, earned value interpretation with SPI, CPI and TCPI, and progress measurement design, and risk, variations and assurance with risk register construction, Monte Carlo cost and schedule analysis, HSE and environmental compliance application, variation order control, claims administration under the Society of Construction Law protocol, quality assurance and inspection, ISO 19650 information management, audit readiness, public reporting, benefits realisation, and anti-gaming practice.

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Q4 What tools, methods, or standards are covered in the "Construction Project Management for Government Projects" course?

The course covers public construction context across accountability, transparency and value for money, PMBOK Guide performance domains applied to public works, governance structures, approval gates and delegated authority, the stakeholder landscape across ministries, auditors and the public, common failures across scope pressure, weak records and late approvals, public procurement principles and competitive tendering rules, tender documentation, evaluation criteria and award decisions, FIDIC and standard public works contract forms, contract types across lump sum, remeasurable and cost-plus, bonds, guarantees and performance security, conflict of interest, integrity and ethics in procurement, scope definition and public budget alignment, AACE International cost estimate classes in public budgeting, critical path method and DCMA 14-point schedule assessment, cash flow forecasting and public payment cycles, earned value management with SPI, CPI and TCPI, progress measurement and site record discipline, risk registers and Monte Carlo cost and schedule analysis, HSE regulation, site safety and environmental compliance, variation orders, change control and approval thresholds, claims administration and the Society of Construction Law protocol, quality assurance, inspection and non-conformance handling, ISO 19650 information management and record keeping, stage-gate assurance and independent project reviews, audit readiness across documentation, traceability and evidence, public reporting, transparency requirements and disclosure, benefits realisation and asset handover to operations, preventing gaming across optimistic estimates and progress distortion, and lessons learned and public works improvement.

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Q5 How is the "Construction Project Management for Government Projects" course applied in real-world practice?

Delegates apply it through governance frameworks, approval gate registers, delegated authority matrices, stakeholder registers, procurement plans, tender documents, evaluation criteria sheets, bid evaluation reports, award recommendation papers, contract documents, FIDIC contract administration records, payment certificates, performance security files, conflict of interest declarations, integrity registers, scope statements, public budget submissions, AACE estimate class assessments, cost estimates, budget baselines, network diagrams, critical path analyses, DCMA 14-point assessment reports, cash flow forecasts, payment schedules, earned value reports, SPI and CPI calculations, TCPI models, progress measurement plans, site records, daily reports, risk registers, Monte Carlo simulation outputs, contingency records, HSE plans, site inspection records, environmental compliance records, variation requests, variation order registers, approval records, claims submissions, delay analyses, quality assurance plans, inspection reports, non-conformance reports, ISO 19650 common data environment records, document control registers, stage-gate assurance reports, independent review findings, audit evidence files, audit response records, public reporting packs, transparency disclosures, benefits registers, handover certificates, operational readiness assessments, anti-gaming checklists, and lessons learned registers. They also use them to chair public project reviews and to present delivery performance to ministries, auditors and oversight bodies.