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COURSE BROCHURE

# Project Procurement Strategy and Work Packaging Training Course

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Registered in the United Kingdom and Saudi Arabia

# Project Procurement Strategy and Work Packaging Training Course

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Project Procurement Strategy and Work Packaging is a 1-week training course for project procurement leads, package managers and project controls staff who must turn a capital project scope into contract packages, ending with a schedule-aligned project procurement plan. Capital projects now face tighter supplier markets, longer equipment lead times and closer owner scrutiny of every award. Jupiter Prime Training offers this course on Project Procurement Strategy and Work Packaging.

## Why Project Procurement Strategy and Work Packaging Matters Now

Three forces shape how capital projects buy today. Supplier capacity for heavy equipment and specialist trades is stretched, so a late enquiry can push the critical path. Owners and lenders expect buying choices to follow the project's risk allocation. Project controls teams link every package to cost and schedule baselines, so a poor package boundary soon shows as claims or rework. Projects that settle route, split and long-lead orders early protect float and budget.

## Who Gains Most from Project Procurement Strategy and Work Packaging

- Leads who own the procurement route and contracting choices for a capital project
- Package owners who define scope, boundaries and award criteria for individual contracts
- Project controls staff who tie packages to the cost baseline and the master schedule
- Engineering coordinators who release requisitions and technical data for long-lead equipment
- Contract specialists who manage interfaces between contractors, vendors and the owner

A project team that sends procurement, engineering and controls members together gains most.

## Project Procurement Strategy and Work Packaging Capabilities

Participants practise the choices that decide how a capital scope reaches the market, how it is split and when each order must be placed.

- Select a contracting route that matches scope maturity and risk appetite — sponsor approval of the procurement route
- Design package boundaries that limit interface clashes between contractors — scope split decisions
- Calculate required order dates for long-lead equipment from the schedule — engineering and expediting teams
- Assess supplier market capacity before enquiries are issued — package shortlist decisions
- Build an interface register with clear ownership for each boundary — site managers and contractors
- Align the procurement sequence with cost and schedule baselines — project controls and steering boards

## Key Project Procurement Strategy and Work Packaging Terms

- Contracting route — the chosen way of buying project scope, such as lump sum, reimbursable or target cost arrangements.
- Work package — a defined portion of project scope placed under one contract with its own boundary and deliverables.
- Long-lead item — equipment or material whose manufacture time is long enough to drive the project schedule.
- Required on site date — the latest date an item must arrive to keep installation on its planned path.
- Interface point — a physical or contractual boundary where one package's work meets another package's work.
- Market sounding — early structured contact with suppliers to test capacity, interest and pricing behaviour before tendering.

## Project Procurement Strategy and Work Packaging Day by Day

## Day 1: Capital Project Context and Buying Forces

- Project Lifecycle Stage Gates — When Procurement Decisions Must Be Locked
- Scope Maturity Assessment — Readiness of Design for Market Release
- Risk Allocation Matrix — Which Party Carries Ground, Price and Delay Risk
- Owner Capability Review — In-House Versus Contractor-Led Buying
- Stakeholder Map for Major Awards — Approval Paths and Lender Expectations

## Day 2: Contracting Routes and Package Splitting

- Lump Sum, Reimbursable and Target Cost Routes — Fit to Scope Certainty
- Single Contractor Versus Multi-Package Structures — Control Against Coordination Load
- Package Breakdown Logic — Splitting by Discipline, Area or System
- Package Size Testing — Market Appetite Against Owner Interface Burden
- Free-Issue Materials Decisions — Owner Supply Versus Contractor Supply

## Day 3: Long-Lead Items and Supplier Markets

- Long-Lead Item Register — Early Identification From Engineering Deliverables
- Backward Scheduling of Order Dates — Required On Site Date to Requisition
- Market Sounding Sessions — Supplier Capacity, Interest and Price Signals
- Early Reservation and Slot Agreements — Securing Factory Capacity Ahead of Award
- Vendor Data and Inspection Milestones — Linking Fabrication to Installation

## Day 4: Interface Risk and Schedule Alignment

- Interface Register and Ownership Matrix — Accountability at Every Boundary
- Battery Limit Definitions — Preventing Gaps and Overlaps Between Packages
- Procurement Schedule Integration — Tender Cycles Within the Master Schedule
- Package Cost Baselines — Award Values Against Control Budgets
- Change and Claims Exposure Review — Weak Boundaries That Generate Disputes

## Day 5: Practising the Project Procurement Plan

- Contracting Route Recommendation — Applying Scope Maturity and Risk Allocation
- Final Package List With Boundaries — Applying Breakdown and Battery Limits
- Long-Lead Order Calendar — Applying Backward Scheduling to Key Equipment
- Peer Challenge of Interface Risks — Testing the Ownership Matrix
- Schedule-Aligned Project Procurement Plan — Completed Package Sequence and Dates

## Applying Project Procurement Strategy and Work Packaging After the Course

- Run a package boundary review on a live project using the battery limit and interface register methods.
- Rebuild the long-lead order calendar for the next project stage by backward scheduling from required on site dates.

## Project Procurement Strategy and Work Packaging Questions FAQ

### What is project procurement strategy and work packaging and why does it matter now?

It is the discipline of choosing how a capital project buys its scope and how that scope is split into contracts. It matters now because long equipment lead times punish late packages in energy plants and transport infrastructure.

### Which roles gain most from project procurement strategy and work packaging training?

Project procurement leads, package owners and project controls staff gain most. Engineering coordinators and contract specialists who handle interfaces also benefit.

## How does project procurement strategy and work packaging differ from a general sourcing course?

It focuses on capital project scope rather than recurring category spend. It covers contracting routes, package splitting, long-lead orders and interface risk tied to one project schedule.

## What do you bring back from project procurement strategy and work packaging training?

You bring back a schedule-aligned project procurement plan. It sets out the route, package list, long-lead order calendar and interface register.

## Project Procurement Strategy and Work Packaging: The Way Forward

The schedule-aligned project procurement plan first informs the approval of the contracting route and the release of the earliest long-lead enquiries. Procurement leads and project controls staff use it to sequence tenders. After its first use, the package boundaries deserve a second look once detailed design matures, as new interfaces often appear.