

# Professional Project/Construction/Cost Management Services

(\* Services Futaba Engineering Corporation -FEC- provides)

PROJECT PHASE & RELEVANT JOB DESCRIPTION	ROLE (Conditional)			
	Client/ Investor	FEC		
<b>1 Strategic Planning Phase</b>				
* Site Survey incl. Environmental, Seismic & Pollution	●	△		
* Project Planning & Coordination incl. AE Selection	●	○		
* Initial Business Plan Review & Support	●	●/○		
* Project Management Planning & Support	●	●/○		
<b>2 Conceptual Planning Phase</b>				
* Cost Research/Planning: Parametric & Sq. meter-based		●		
* Due Diligence Collaboration	●	○		
* Conceptual Design Coordination		●		
<b>3 Basic Design Phase</b>				
* Preliminary Estimate incl. VA/VE	○	●		
* Basic Construction Scheduling & Support	●	●/○		
* Basic Design Coordination & Docs. Confirmation	●	●/○		
<b>4 Implementation Design Phase</b>				
* Implementation Estimate incl. VA/VE	○	●		
* Cost Review including Market Research & VE		●		
* Tender Planning & Preparation Support	●	○		
* Implementation Design Coordination	●	●/○		
<b>5 Bidding and Contract Phase</b>				
* Construction Bidding Support	●	○		
* Bid Price Comparison & Bidder VE Proposal Review	●	○		
* Successful Contractors Selection Support	●	○		
* Purchasing Agent (International & Local)	○	●		
* Applications for Permits Support	●	○		
<b>6 Construction Phase and Hand-Over</b>				
* On-Site Construction Organization Support	●	○		
* Construction Schedule Management		●		
* Quality Management incl. Inspections		●		
* Cost Management (incl. Contractor VE Evaluation) and As-Built Cost Evaluation and Payment	○	●		
* Clearance of Completed Construction Payment	●	○		
* Construction Hand-Over Support	●	○		
<b>7 Maintenance Phase</b>				
* Facility Management incl. Repair/Renovation Planning	●	○		

●:Primary Responsibility, ○:Supportive Responsibility, △:Disciplinary Responsibility