

Project Life Cycle



Phase I	Phase II	Phase III	Phase IV	Phase V	Phase VI
<input type="checkbox"/> Manufacturing Capacity	<input type="checkbox"/> Scope Definitions	<input type="checkbox"/> Final Equipment Specifications	<input type="checkbox"/> Final Design & Engineering	<input type="checkbox"/> Site Improvements	<input type="checkbox"/> Maintenance Testing
<input type="checkbox"/> Block Flow Diagrams	<input type="checkbox"/> Site Selection	<input type="checkbox"/> Final P&IDs	<input type="checkbox"/> PHA/MOC	<input type="checkbox"/> Building Construction	<input type="checkbox"/> Software Testing
<input type="checkbox"/> Technology Assessment	<input type="checkbox"/> Environmental Assessment	<input type="checkbox"/> Environmental Review	<input type="checkbox"/> Equipment Procurement	<input type="checkbox"/> Equipment Installation	<input type="checkbox"/> Operator Testing
<input type="checkbox"/> Level of Automation	<input type="checkbox"/> Heat & Material Balances	<input type="checkbox"/> Soil Investigation	<input type="checkbox"/> Constructability Analysis	<input type="checkbox"/> Commissioning Plan	<input type="checkbox"/> Trial Runs
<input type="checkbox"/> Major Equipment List	<input type="checkbox"/> PFDs	<input type="checkbox"/> Foundation Design	<input type="checkbox"/> Construction Planning	<input type="checkbox"/> Maintenance Plan	<input type="checkbox"/> Close-out
<input type="checkbox"/> Space Requirements	<input type="checkbox"/> Preliminary P&IDs	<input type="checkbox"/> Structural Design	<input type="checkbox"/> Building Permits		
<input type="checkbox"/> Material Flow Analysis	<input type="checkbox"/> Generic Equipment Specifications	<input type="checkbox"/> Power & Lighting Requirements	<input type="checkbox"/> Subcontractor Procurement		
<input type="checkbox"/> Warehouse Requirements	<input type="checkbox"/> Equipment Arrangements	<input type="checkbox"/> Single Line Diagrams	<input type="checkbox"/> Environmental Permitting		
<input type="checkbox"/> Block Layouts	<input type="checkbox"/> Plot Plan	<input type="checkbox"/> Instrument Index	<input type="checkbox"/> Cost of Work Estimate +10; -10%		
<input type="checkbox"/> Expansion Plans	<input type="checkbox"/> Operating & Maintenance Strategy	<input type="checkbox"/> I/O List			
<input type="checkbox"/> Site Planning	<input type="checkbox"/> Value Engineering Studies	<input type="checkbox"/> Constructability Analysis			
<input type="checkbox"/> Economic Evaluation	<input type="checkbox"/> Milestone Schedule	<input type="checkbox"/> Detailed EPCM Schedule			
<input type="checkbox"/> Long Range Strategic Plan	<input type="checkbox"/> Cost of Work Estimate +30; -10%	<input type="checkbox"/> Cost of Work Estimate +20; -10%			
<input type="checkbox"/> Short Range Tactical Plan					
<input type="checkbox"/> Order of Magnitude Cost of Work Estimate					



Built on "Performance & Relationships"