

SOCMA Show

Connections for the Specialty & Custom Chemical Industry

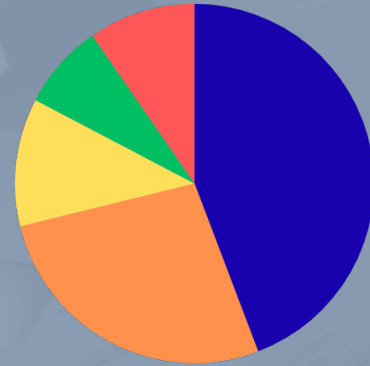
2026



INTRODUCTION



Tim Garrison
Business Development
Mechanical Engineer
35+ Years Experience
Chemical Manufacturing
Operations & Maintenance
Process Safety Management



Roles by Department

- Mechanical
- Chemical
- Electrical & Instr.
- Environmental
- Administrative

Headquarters in Franklin, TN
Established in 1998
Small Business | 60 employees
28 Years Engineering Services
Commercial & Private
U.S. Government & Contractors



“It gets late early out there!”

- *Yogi Berra*

Broad Range of Expertise



NISSAN

DAIKIN

ExxonMobil

CCI Colonial Chemical

WACKER

ESTRON CHEMICAL



MOMENTIVE

Lubrizol

mte

EASTMAN

SOLVAY

AVION

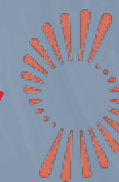
Pinnacle Polymers

VEOLIA

Chemtura

DOW

OXY



SYENSQO ADVANCING HUMANITY

PPG PPG Industries

SUPERIOR GRAPHITE

TESLA

EVONIK Leading Beyond Chemistry

GRACE

LP

ALBEMARLE

Lucite International



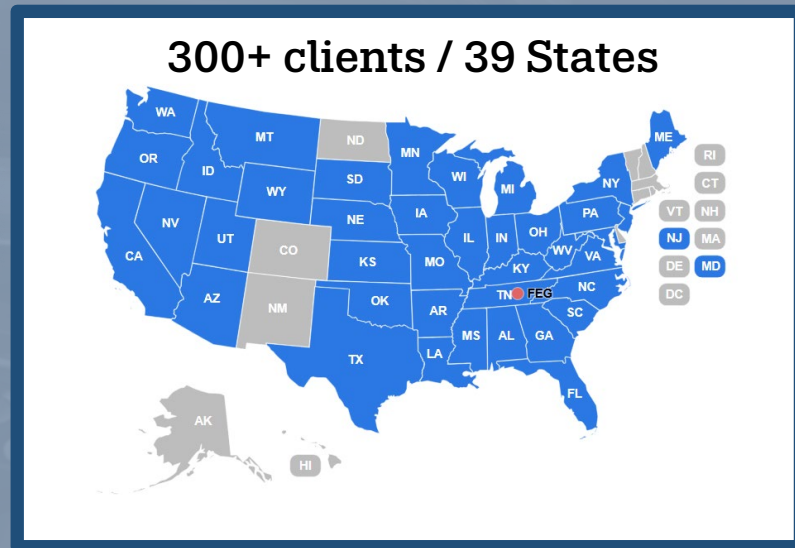
nyrstar

MITSUBISHI CHEMICAL

NAMMO

MFG CHEMICAL LLC BUILDING VALUABLE BONDS

ARKEMA



OPTIMA CHEMICAL

ARTAZN

REECYCLE

Diverse Chemical Manufacturing Expertise

- Organic and inorganic chemical
- Battery materials, electrolyte, graphite
- Pharmaceutical intermediates
- Energetics and demilitarization
- Hazardous waste disposal and incineration
- Commercial waste treatment, recycling, disposal
- Metals
- Plant utilities



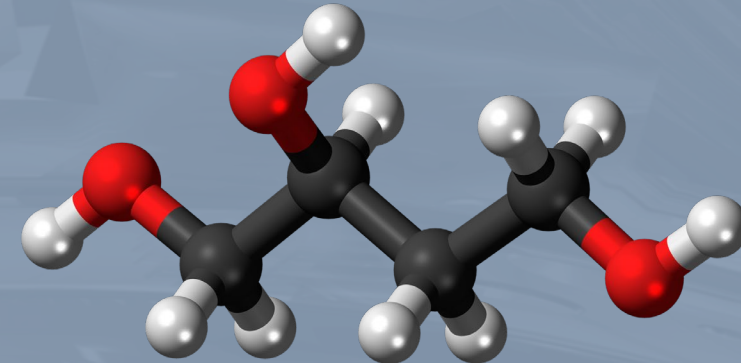
Process Industries Experience

➤ Organic chemicals

- Fluorocarbons
- Nonwoven polyester
- Nylon
- Organometallics
- Pesticides
- Petrochemicals
- Polyester resins
- Li ion electrolyte
- Misc specialty organics

➤ Inorganic chemicals

- Carbon products
- Ceramic catalysts
- Manganese chemicals
- Phosphorus/phosphine
- Synthetic gypsum

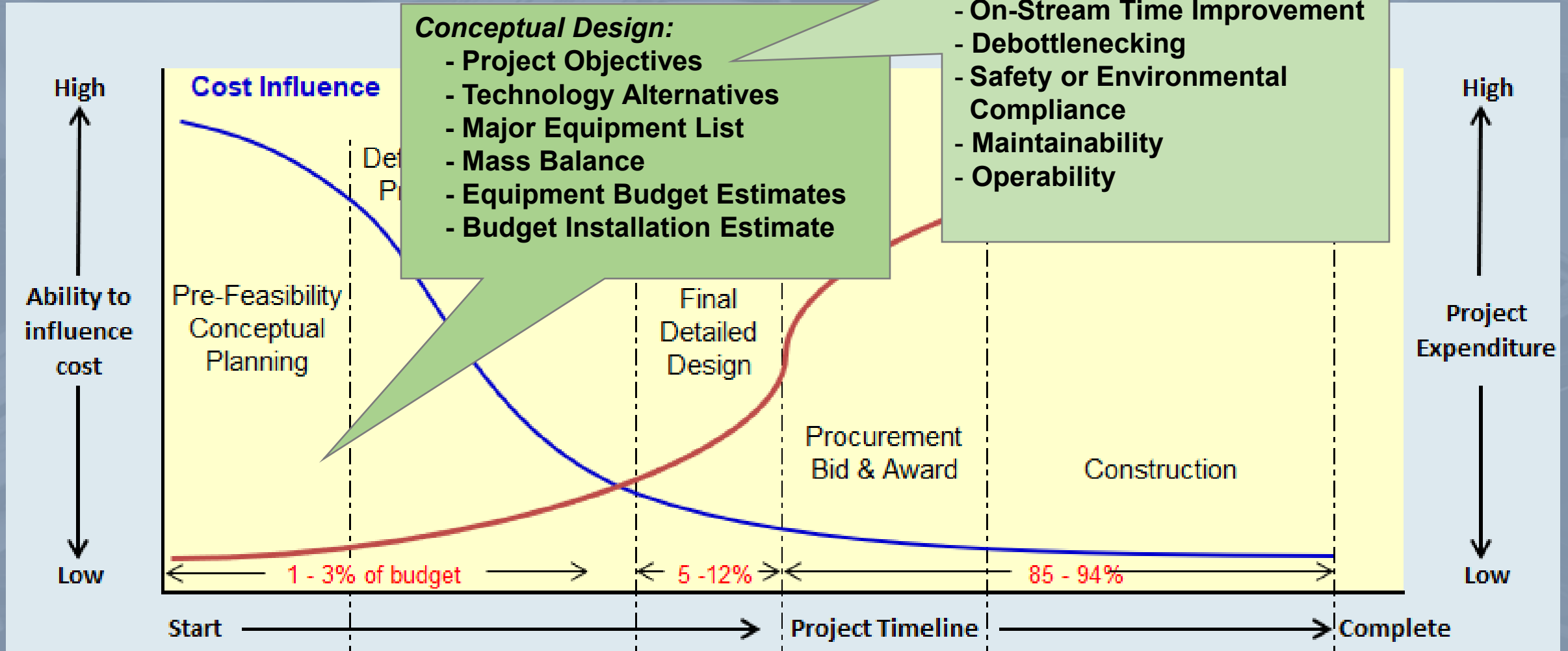


Hazardous Chemicals and Materials Experience

- Concentrated acids/bases
- Organic peroxides
- Reactive silanes
- Polyester resins
- Dioxin wastes
- Flammable and toxic organics -- solids, liquids, vapors
- Magnesium and aluminum powders
- Elemental phosphorus, white and red
- Phosphine gas
- Lithium and sodium metal
- Mercury
- Explosives
 - TNT
 - PAX
 - PBX
 - Lead azide
 - Lead styphnate
 - HMX
 - PETN
 - KDNBF
 - DDNP
 - ZPP



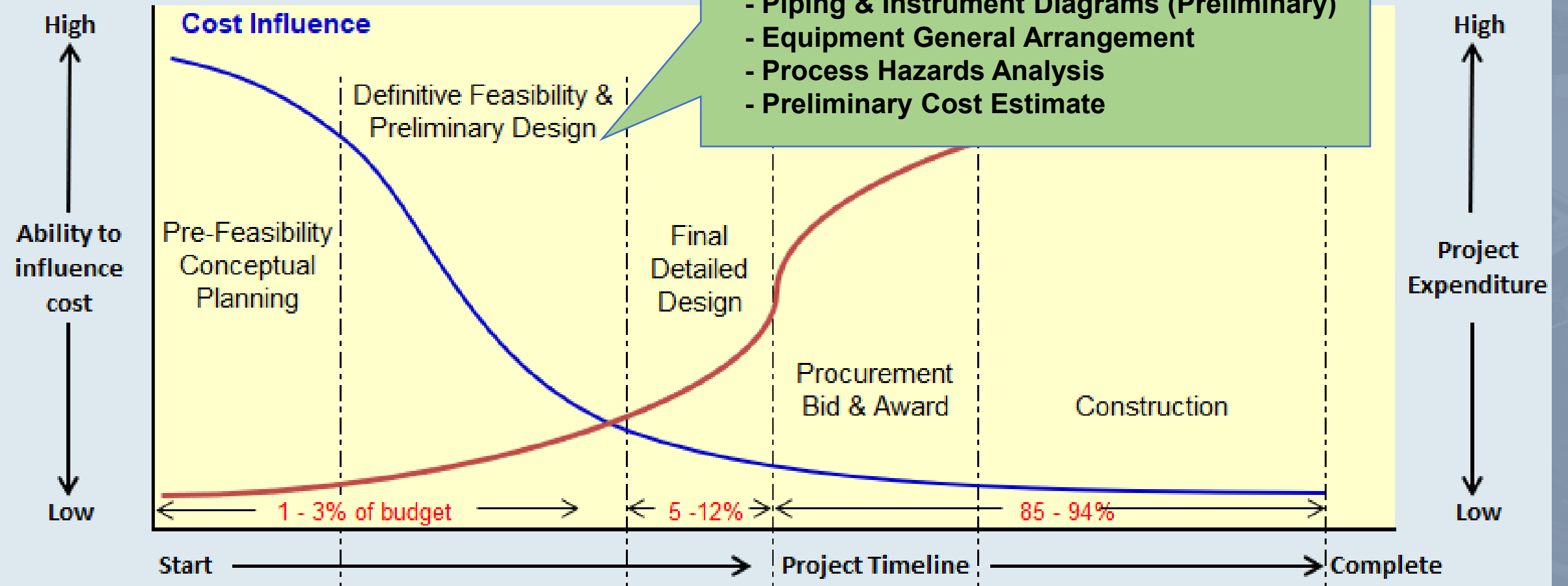
Where we add value:



Where we add value:

Preliminary Design:

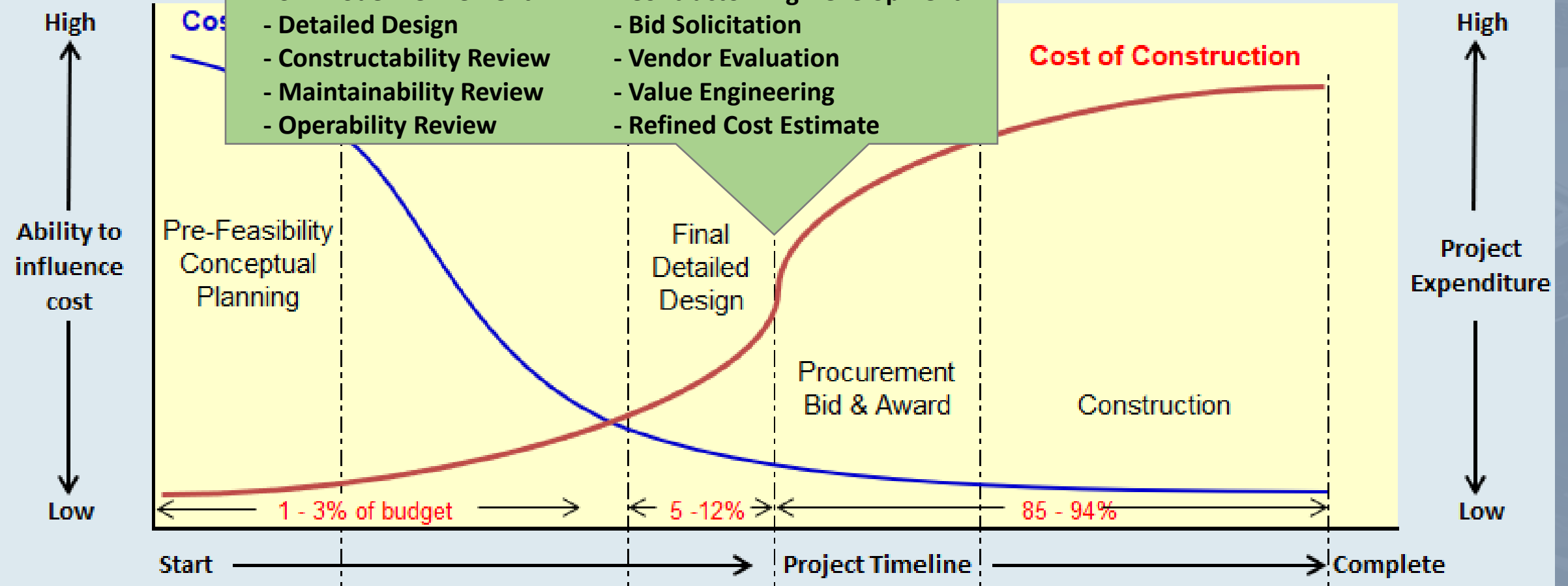
- Process Definition
- Basis of Design Documentation
- Mass Balance Optimization
- Piping & Instrument Diagrams (Preliminary)
- Equipment General Arrangement
- Process Hazards Analysis
- Preliminary Cost Estimate



Where we add value:

Detailed Engineering/Procurement:

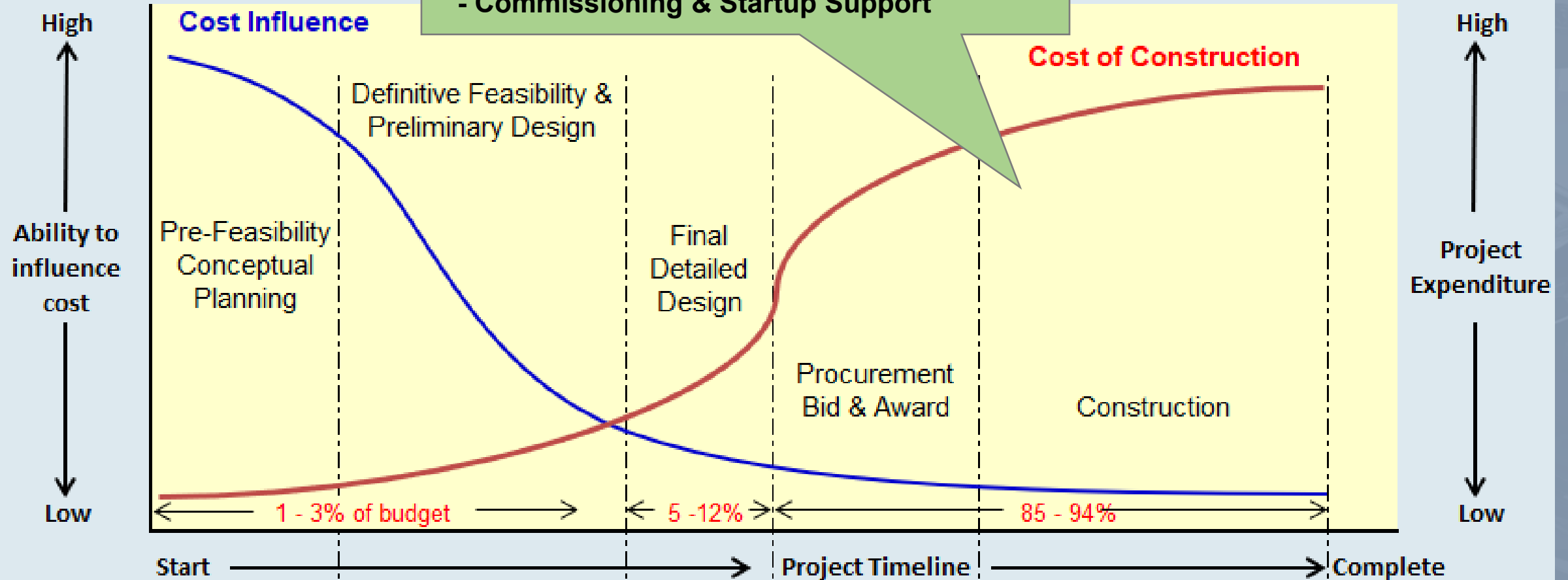
- P&ID Refinement
- 3D Model Refinement
- Detailed Design
- Constructability Review
- Maintainability Review
- Operability Review
- Purchase Ready Quotes
- Contractor Pkg Development
- Bid Solicitation
- Vendor Evaluation
- Value Engineering
- Refined Cost Estimate



Where we add value:

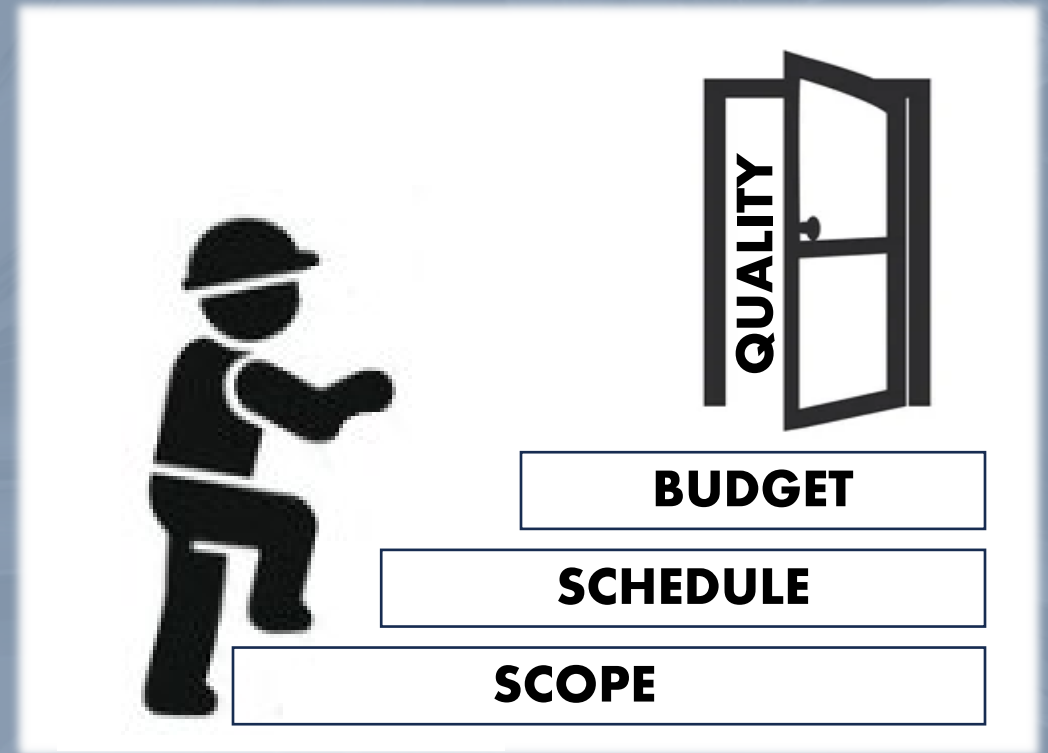
Construction:

- Observation vs Change Orders & Rework
- Commissioning & Startup Support



Why Call Franklin Engineering?

- Diverse and Extensive Experience in Chemical Process Development
- Exceptional Process Design Group
- Plant Operations and Maintenance Experience
- Versatility to Match Project Size
- Proven History of Success
- High Value Engineering Provider
- Seek Long Term Relationships





Booth #1021



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