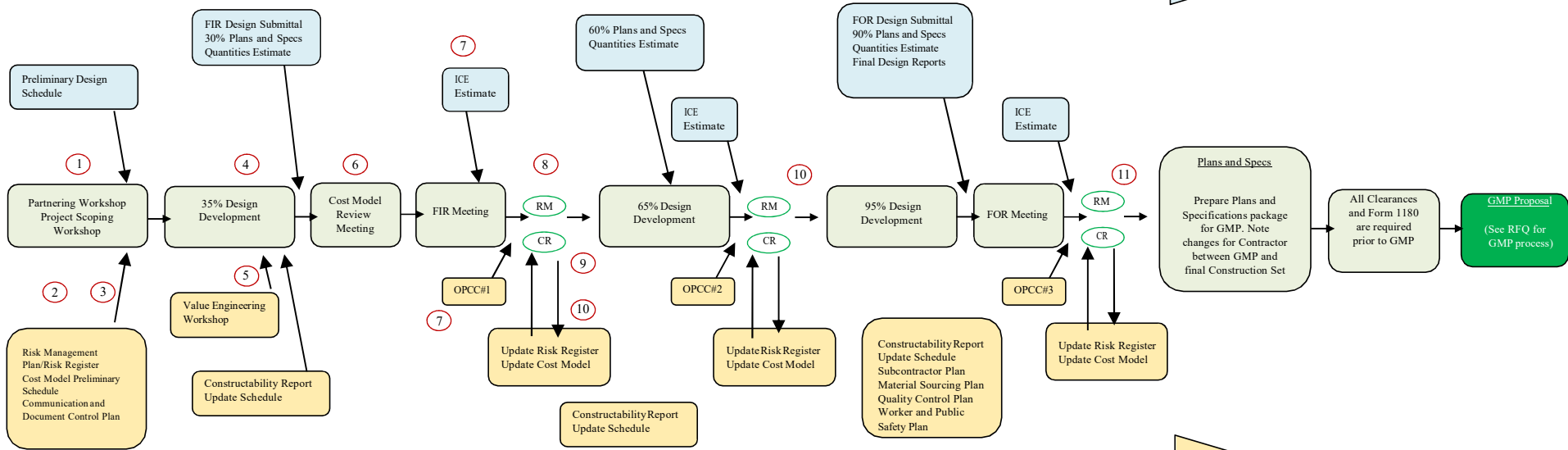


Consultant Responsibilities

Continuous Design Consultant Responsibilities:
Collaborate with Contractor for Innovative Designs, Assist with Risk Management, Support Constructability Analysis, Evaluate Contractor Alternatives

Contractor Responsibilities

Continuous Contractor Responsibilities:
Collaborate with CDOT and Design Consultant for Innovative Designs, Review Constructability, Review Construction Plans and Specs, Monitor Schedule Impacts, Recommend Long Lead Procurement Items, and Risk Management



Legend/Notes:

- RM - Risk Management Meeting
- CR - Cost Estimate Review Meeting
- 1 - Process Step: Outlined in RFQ under workflow narrative.
- OPCC - Opinion of Probable Construction Cost
- FIR - Field Inspection Review
- FOR - Final

- The Risk Management Meeting includes the Design Consultant, Contractor, ICE and ARRC. The purpose of the meeting is to review project risks and associated costs, mitigation plans, identify the responsible party to manage the risk, and establish risk pools.
- The Cost Estimate Review Meeting includes the Design Consultant, Contractor, ICE and ARRC. The purpose pricing assumptions, review quantities, and reconcile pricing differences.
- The Risk Management Meeting and Cost Estimate Meeting may be combined, particularly in later OPCC submittal where most project risks have already been identified.
- This flowchart shows three typical OPCC submittals. At the option of ARRC, OPCC submittals may occur independently from FIR and FOR design submittals. More OPCC's may be required if the Contractor Estimate and ICE Estimate are not within an acceptable percentage.

PRE-CONSTRUCTION PHASE
FLOWCHART
(Design Development to
GMP Proposal)