# ****Mega-project Checklist****

# RT-315 from [www.construction-institute.org](http://www.construction-institute.org)

**Location and Technology**

* A1 New or Unproven Technology
* A2 Logistics Challenges
* A3 Jurisdictional Complexities
* A4 Unavailability of Qualified Craftsmen

**Team, Organization and Communications**

* B1 Unplanned Changes in Key Personnel
* B2 Ineffective Stakeholder Communication
* B3 Multi-Location Challenges
* B4 Inadequate Organization Planning and Staffing
* B5 Ineffective Interface Management
* B6 Inadequate Document Management Plan

**Planning and Execution Processes**

* C1 Lack of Execution Input to FEP
* C2 Optimism Bias
* C3 Inadequate FEP Resources
* C4 Inadequate Risk Assessment & Mitigation
* C5 Inadequate Project Controls Systems
* C6 Lack of Execution Plan Alignment
* C7 Inadequate Integrated Schedule
* C8 Regulatory & Environmental Delays
* C9 Baseline Schedule Acceleration
* C10 Quality Compromised for Schedule
* C11 Ineffective Change Management
* C12 Incomprehensive Risk Management
* C13 Unfit Documents, Procedures, and Processes

**Governance and Stakeholders**

* D1 Unclear Definition of Roles, Responsibilities and Authority
* D2 Inadequate Size, Skills, and Experience of Project Management Team
* D3 Cultural Differences Across Stakeholders
* D4 Inadequate Owner Participation in Risk Management
* D5 Misalignment Within Partner Organization

**Delivery Strategy**

* E1 Inappropriate Project Delivery Contracting Strategy
* E2 Limited Capable Contractors
* E3 Unclear Scope Definition in Contracts
* E4 Unexpected Materials and/or Equipment delays.
* E5 Underperforming Contractor or Key Subcontractor