



1. Project Manager prepares Project Execution Plan (PEP), Implement Work Packaging for the project, the Contracting Strategy is decided and the preliminary Construction Execution Plan is included in the PEP.
2. EP/EPC/EPCM Contractor to provide preliminary overall Project Plot Plan.
3. Constructability process is initiated.
4. Project Construction Director shall prepare the preliminary Construction Execution Plan for insertion into the PEP. Input to Project Manager (PM) & Supply Chain Management (SCM) regarding Construction Contractor selection.
5. Project Manager, Supply Chain Management with input from Construction Manager (CM) and CMT form Contract and issue to selected Construction Contractor.
6. Selected Construction Contractor on-board (Preferred for best results, but should be no later than early EDS).

7. Construction Contractor with input from the CMT shall articulate the Path of Construction.
8. Construction Contractor generates preliminary CWP List, and Definition. The Construction Contractor shall meet with the EP/EPC/EPCM Engineering Contractor to review the CWP List, and Definition to mutually discuss the logic of CWP packaging, its prioritization, the scheduled release or need dates. Where Engineering has difficulty in accommodating a definition or prioritization, both Construction Contractor and Engineering Contractor shall discuss the CWP Plan and together with the Owner shall decide upon the best balanced solution for the benefit of the project. After this discussion and subsequent agreement, the EP/EPC/EPCM Engineer shall incorporate these definitions into the engineering process and report progress by EWP in an agreed upon manner with the Owner.
9. EP/EPC/EPCM Contractor establishes preliminary Model Areas and sets up by discipline, these will be finalized in the Detail Design Phase and completion dates inserted into the Project Schedule.
10. Engineering Work Package (EWP) or equivalent list and definition developed and inserted in Project Schedule. These EWP'S shall align with the agreed to CWP Plan.
11. Construction Contractor shall determine preliminary Overall Project Temporary Facilities, Craft and Indirect Manpower requirements. This information is used to update the CEP.

12. EP/EPC/EPCM Engineering Contractor EWP Coordinator shall compile all information and documents required as part of the specific EWP and issue the EWP to the Construction Contractor via the specified Project routing.
13. EWP Updates and Revisions shall be issued to the Construction Contractor CWP Coordinator via the specified Project routing.
14. When Construction Contractor has completed CWP it shall be sent to the CMT for review prior to issuing for execution.
15. Construction Contractor CWP Coordinator (this position could be performed by EP/EPC/EPCM/CM personnel dependent on contracting strategy) shall compile all documents and information (EWP's plus item in Note 16) into a CWP which is issued for execution. This CWP shall also include input from the CMT.

16. Items to be considered for inclusion as a CWP requirement.
 - 16.1. Determine Special Tooling Requirements
 - 16.2. Determine Vendor Support Requirements
 - 16.3. Determine Training Requirements
 - 16.4. Determine Special Permit Requirements
 - 16.5. Site Contractor Identification and Assessment
 - 16.6. Special Cleaning Requirements
 - 16.7. Determine Scaffolding Requirements
 - 16.8. Construction Waste Management
 - 16.9. Determine Quality Requirements
 - 16.10. Conduct High Level HAZOP Assessment
 - 16.11. Complete Listing of Field Priced Materials
 - 16.12. Determine Special Requirements
 - 16.13. Determine Temporary Facility Requirements
 - 16.14. Determine Craft & Indirect Manpower Requirements
 - 16.15. Determine Rigging Study Requirements
 - 16.16. Determine Construction Equipment Requirements
 - 16.17. Establish Definitive Budget and Timing Requirements
17. Once CWP deemed ready for execution (installation and erection) Construction Contractor shall provide a detailed Erection and Installation Plan and start the Workface Planning process by creating a preliminary FWP Release Plan.
18. Construction Contractor shall perform self assessments as per the COAA Model. The Owner and/or CMT shall perform ongoing surveillance and program Audits as per Owner requirements.
19. Construction Contractor should provide COAA or equivalent training for personnel expected to perform Workface Planning duties. Planners shall be placed in sufficient time to produce packages prior to site mobilization.

20. Construction Contractor receives Field Supplied Material and Owner - EP/EPC/EPCM Engineering Contractor supplied material.
21. EPC/CM Integration Coordinator liaise with the Construction Contractor Integration Coordinator to promote optimized use of common commodities (Cranes, Scaffold etc.) between Contractors and Disciplines.
22. Construction Contractor shall perform the work in accordance with the FWP Packages.
23. Construction Contractor to perform Turnover System Walkdown and generate Pre-Turnover Punchlist and work-off items listed. Some of the Punchlist item may be generated from the FWP process.