

WorkFace Planning Prerequisites

In order to implement WorkFace Planning there are a number of issues an organization needs to consider, some of the major issues include:

The Objective

WorkFace Planning is a method to get the right things, to the right place, at the right time. Remember this planning will occur the only questions are when, by whom, and at what level of detail?

Begin with the end in mind

- Systems drive commissioning and start-up
 - Commissioning and start-up drive construction
 - Construction drives engineering and procurement
- Plan forward and prioritize (sequence) backward

Coding

A project is normally coded by area, and then at about 60% complete the focus changes to systems. In WorkFace Planning both systems and area need to be identified as early as possible, ideally at the start of engineering.

The company responsible for managing the project should specify the minimum information they require the contractors to collect as they will be ultimately be responsible for integration of the project. The information requirements should be clearly identified prior to the work being tendered and included in the contract. This should not limit a contractor's ability to collect additional information as they need to ensure they have all the data necessary to manage the project.

Contracting

The nature of the contracting strategy (Lump sum, Cost Reimbursable, or Unit Rate) is irrelevant to WorkFace Planning with the exception that in Lump Sum or Unit Rate the need to specify WorkFace Planning as a contractual requirement is greater. This is because the contractors bid will be based on their scope of work which will change if WorkFace Planning is added later, even though contractors should see an overall cost reduction as a result of WorkFace Planning. In a cost reimbursable contract the contractor is compensated for the WorkFace Planning related costs by the owner how will realize the benefits of increased productivity.

Engineering

The way in which the project is engineered will not change but the order of delivery of the engineering documents will change. The engineering of the FIWP must be complete in order for the packages to be finalized. This will require the construction to be involved earlier in the engineering process and they will need to identify the path of construction in far more detail than is traditionally done.

Project Tracking

FIWP are deliverable based and progress will need to be reported based on completed FIWP this will require changes in project controls.