

WORKFACE PLANNING FOR EP CONTRACTS

3.0 WORKFACE PLANNING

Owner requires that Engineering and Procurement (EP) Contractor work with and support the Construction Contractor with its requirement to implement Workface Planning, in accordance with the Construction Owners Association of Alberta (COAA) model as published on the COAA website (www.coaa.ab.ca.) The EP Contractor shall be aware that the Construction Contractor will submit a Workface Planning Execution Plan that will take into account the minimum standards of the COAA model contents and shall implement in accordance with terms and conditions agreed between Owner and Construction Contractor.

The Construction Contractor will divide a Work Design Area into a series of preferred Construction Work Packages (each a “CWP”). These CWP’s will be issued to the Owner and EP Contractor in order to align relevant portions of the overall scope of Work with the EP Contractor deliverables e.g.: Engineering Work Packages (EWP’s), Materials and Equipment. With Owner participation, Construction Contractor and EP Contractor shall discuss and form agreement for mutual benefit with regard to these packaging boundaries. This cooperation shall continue throughout the project to completion.

If EP Contractor and Construction Contractor can not agree on the EWP/CWP breakdown the Owner together with the EP Contractor and Construction Contractor will formulate an agreement that is beneficial to the overall project.

During the EDS or preliminary engineering stage of the project, as a result of agreement between the EP Contractor and the Construction Contractor, the Construction Contractor will identify the CWP’s and develop a CWP Release Plan.

Each CWP will include but not limited to the following:

- A detailed description of the Scope of Work for a defined area that has been released for execution by the Construction Contractor
- A detailed Bill of Materials (BOM) specifying all quantities making up the scope of Work released by the CWP.
- A schedule detailing commencement and completion dates for scope of Work released by the CWP.
- Technical requirements, references and information pertinent to the scope of Work released in the CWP.
- Safety considerations with respect to the Work / Risk Assessment.

The Engineering Contractor should be aware that the Construction Contractor is required to prepare and maintain detailed schedules and spreadsheets tracking, monitoring, and closing-out FIWP’s from start to completion of each FIWP during the construction phase of the project. Engineering Contractor shall be required to

support this FIWP Release Plan and its processes by maintaining engineering deliverable schedule requirements (EWP's) which include Materials and Equipment.

Prior to the CWP's reaching IFC stage, the Construction Contractor and/or its lower tier subcontractors shall develop a preliminary FIWP Release Plan for each CWP indicating the approximate size and planned release date for each FIWP. The Owner will review the Contractor's FIWP Release Plan and Owner shall approve. If Owner has comments on the initial submittal and if requested by Owner, the Construction Contractor will resubmit the FIWP Release Plan taking into account Owner's comments in order to gain Owner's approval. The date of the Contractor's initial submittal of the FIWP Release Plan is to be agreed upon between Owner, CM group and Construction Contractor during the EDS or preliminary engineering phase of the project.

The Engineering and Procurement Contractor shall be responsible for the following:

- Review and comment on the Construction Contractor's - CWP Release Plan, the CWP – EWP alignment, and other appropriate items, these comments shall be submitted to the Owner for review, Owner and EP Contractor comments may be submitted to the Construction Contractor for inclusion to the Plan prior to approval by Owner
- Review the detailed description of the CWP Scope of Work for a defined area and submit comments to Owner and Construction Contractor prior to the release for execution by the Construction Contractor
- Mutually agree with the Construction Contractor with regard to the Construction Work Package Plan and design area breakdown into CWP's and corresponding EWP's
- Support CWP required dates with EWP, Material and Equipment deliverable issue dates