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PURPOSE

This procedure covers schedule planning and control for the execution of the PROJECT. This procedure describes the approach to schedule planning and controls that are to be performed in the PROJECT.

SCOPE

This procedure defines the method and system to be followed by CONTRACTOR to prepare, verify and monitor the various work schedules to be utilized for the optimum planning, reporting and execution of the project from the preparatory stage to final completion for this PROJECT. This procedure outlines CONTRACTOR's approach for creating a target plan (baseline schedule) in a detailed CPM Network that can be aggregated to any required summary levels through the computer generated roll|-up.

The target plan will form the basis for the monitoring of planned versus actual activities and its "time-now" analysis will highlight any slippage in schedule for and CONTRACTOR to examine and take the required remedial actions. The various schedules to be prepared by CONTRACTOR and their levels are outlined in Paragraph 5 of this procedure.

APPLICATION

The project schedule described in this document required for the correct implementation of the PROJECT will be prepared by CONTRACTOR. All schedule development relating to format, coding, item numbering and reporting criteria will be coordinated with OWNER prior to project schedule submission.

SCHEDULE WORKING TECHNIQUE

The entire project will be sub-divided into manageable work packages within the appropriate engineering management classes or construction management classes using top-down graphical demonstrated through Work Breakdown Structure. These work packages will assist CONTRACTOR to easily recognize the related tasks at different levels of implementation and will allow a better control the phase of the whole cycle of the PROJECT. The weighted value will be apportioned to each relevant activity on the detailed CPM network schedule on the basis of the estimated costs required for its development.

The completion of the weighted activities within their higher level in the appropriate phases (Engineering, Procurement, and Construction) will form the basis for the performance measurement at the desired levels. For detailed description of progress measurement, reference will be made to the Progress Measurement Procedure.

The progress calculated by the progress measurement procedure will be added at activity level in the detailed CPM network schedule and roll-up at various levels as described in paragraph 5 of the this procedure to verify the milestone dates and/or the aggregated progress. The outcome of the time analysis will be examined against the planned progress and/or the established milestone dates and the required action will be taken in agreement with OWNER to maintain the baseline schedule.

DEFINITION OF THE PROJECT SCHEDULE AND LEVELS

During the implementation of the PROJECT, CONTRACTOR will prepare the project schedule and the work breakdown structure (hereafter WBS) representing the various levels. WBS is enclosed as Work Breakdown Procedure. The types of schedule will consist of the followings.

Early Work Schedule

The purpose of this schedule is to plan and to control the main activities to be developed during a period of first five months from the Contract Commencement Date in order to ensure the control of engineering and procurement activities.