

To set up Schedule, Progress Measurement System and Risk Register for Client Mobilization

Case Study:

► OVERVIEW

1. Customer: Confidential/Withheld
2. Business Challenge: To support and assist client in mobilization plan
3. Service Featured: : Implementation of Mobilization planning Framework
4. Business Process Involved: Mobilization planning
5. Benefits Realised: Mobilization phase management
6. Areas of Impact: Project Controls

CHALLENGE

The client was working on the Mobilization plan and they wanted to create a Schedule, Progress Measurement System and risk management framework that will help them during actual mobilization in their jobs for each area.

SOLUTION

- ▶ Development of a Work Breakdown Structure that could help management to understand all aspects of Mobilization phase.
- ▶ Development of an OBS for each area showing their team as well as Contractor details with the type of work they are assigned.
- ▶ Development of a Resource loaded L3 Schedule for Mobilization for each Work package area wise.
- ▶ Development of Progress Measurement System in respect to the activities stated in the Schedule.
- ▶ Development of a Risk register showing all the risks that may occur during Mobilization phase and following a risk management process for giving a clear idea about the effect of future uncertainties on the Mobilization Objectives.

INNOVATION

Projcon team who were well versed with project controls frameworks thought of creating a unique and creative way of dealing with the challenge. They put initial efforts on creating a work breakdown Structure (WBS) in a way that made the management think in logical direction. Further they decided to create a resource loaded L3 Schedule with all logical sequence for managing the Mobilization phase. After finalizing the List of Activities and Schedule they created a Progress Measurement System for the client. With full coordination with client we decided to construct a risk register containing all the mobilization related Risk and in parallel created a risk management framework that prioritize risks and manage it for meeting the Mobilization objectives.

BACKGROUND

The Client organization was getting ready for Mobilization for future upcoming jobs so they wanted to create a plan for managing it area wise. Initially they were structuring the work packages and the people whom they require to work. They were trying to make a plan where all work packages are shown area wise. There were certain special requirements also to separate some areas where mobilization will not be done in initial phase.

They gave Projcon an opportunity to explore ways to manage the Mobilization phase as they were aware that Projcon has specialization in Project Controls and they can handle that part in a very systematic fashion.

CHALLENGES & OBJECTIVES

- ▶ To understand client mobilization requirements and make a work flow that clearly states the sequence of work and the work packages under which that tasks needs to be monitored.
- ▶ To explore ways for measuring progress against each tasks defined for the mobilization phase while understanding the scope.
- ▶ To understand the work package strategy as client had a specific requirement in relation to work segmentation area wise.
- ▶ To identify all the risks those have positive (Opportunity) as well as negative (Threats) effects on the Mobilization objectives.

Projcon Advisory and Contribution:

After understanding the client requirements Projcon developed a well-structured WBS and made a I3 schedule in MSP with all activities linked according to the execution strategy of the mobilization. After making a baseline schedule we continued our analysis by monitoring it at each stage of mobilization. We created OBS that not only constituted the client resources but also showcased the contractors that were working under each area. Time to time we helped them understanding the changes in the work structure that help them to manage it in a way that contributes to a healthy and smooth mobilization. We created a Progress Measurement System for them by utilizing the tasks defined in the schedule. We implemented some unique methods while making a risk management framework for the client resource mobilization. We made the criteria for prioritizing risks for client and created a risk profile curve that shows no of risks to be managed weekly. The risk register we created not only listed down all the risks that are linked with Mobilization phase but also classified them under certain categories that were client based for more clarity. We circulated the risk register, Progress Measurement Sheet and Schedule to all the concerned resource for their inputs and initiated the discussion about the condition in every telecom with all the area managers.

CLIENT BENEFIT

Client was able to manage every task during mobilization with the help of schedule, Progress measurement system and risk framework we created for them. They could easily get an idea where they were lacking in terms of planning the work. They could monitor progress at each stage and accordingly gave instructions to all the resources involved to get back in track if required. The risk management framework helped client in understanding what risks are affecting the mobilization objectives and they were able to manage all risks by prioritization process.

ABOUT PROJCON GROUP

Projcon Group is exclusive, niche and rapidly growing Project Controls Consultancy offering innovative, advisory, implementation, technical and training support to our Clients. Our consulting services enable effective use of Project Controls technology, methods and practices for EPC (Oil & Gas, Power, Defence and Infrastructure) industry customers worldwide.

Our comprehensive array of products and services provide powerful, affordable solutions to virtually all aspects of the Project Controls. Contact us to find out how we can help you to build/strengthen your Project Controls capability.