**Project Narrative**

* **Background**

A long-term and extremely important client has approached PMI to provide a Lump Sum proposal to execute a project that will be integral in improving their facilities operations. Due to the critical nature of the project and tight timeframes PMI’s executive team has decided to assembly the project team to work on the proposal so that a more cohesive plan can be built and the project, if awarded, can start immediately.

PMI’s project team needs to develop a plan, schedule and price to execute the project successfully. The project team then needs to present all of this information to PMI’s executive team in an internal bid review scenario. Your estimating team will need to be prepared to discuss how you generated the hours and dollars your team needs to execute, explain thought process behind the execution plan, explain any assumptions you made during the estimating process, as well as make as assessment of the risk involved with providing a proposal for this project.

* **Project Milestones**
* PO Issue - February 27, 2023
* Mobilization Date for PMI and the drilling sub - March 20, 2023
* Mechanical Completion - June 2, 2023
* **Project Team**
* Project Manager
* Superintendent
* Quality Control / Welding Inspector
* Safety Representative
* Project Engineer
* Scheduler
* **Deliverables (Must be in a binder with the following tabs)**
* **Execution plan**
* Referencing schedule and milestone dates.
* Crew sizes and durations.
* Assign time-frames for each activity (Shop Fab, Directional Drill, Civil/Foundation scope, Piping Installation, Hydrotesting)
* Fabrication sequence/plan - Maximum shop labor is 10 Pipefitters, one day shift due to X-ray needs during night shift.
* Installation sequence/plan. (Client has limited the in-field manpower to 30 direct PMI employed craftsmen of any trade) Straight-time is the preferred schedule, however with legitimate justification overtime may be allowed.
* Provide marked up plot plan with lay down areas, HDD pre-assembly areas, and sequence/flow of installations.
* **Schedule**
* Provide a detailed schedule that illustrates a complete understanding of the scope and sequence.
* Must be logic based and tied.
* Minimum of 30 activities/tasks
* Incorporate all milestone dates.
* Incorporate all of PMI’s milestone dates

- All Materials received

- Directional drill/pipeline pull-back complete

- Fabrication start by priority

- Fabrication complete by priority

- All fabrication received on-site by priority

- Foundation installation complete

- Equipment installation complete

- Piping installation complete

- Hydro testing complete

* **Pricing**
* Provide a ~~T&M Not-To-Exceed~~ **Lump Sum** price to complete the project with the following pricing breakouts. (Use the price proposal sheet in take-off spreadsheet)
* Indirect/Direct labor.
* Subcontractor costs
* Equipment costs
* Material costs
* Shop fabrication costs
* Installation costs
* **Quality Control Plan**
* Provide details on how PMI will control materials, All materials will be provided by PMI with materials test reports required.
* PMI will have to track and control all materials with 100% traceability. From the vendor to the shop and from the shop to the field.
* PMI will need to ensure that all welders have been weld tested and are qualified.
* What will be PMI’s method of tracking what welder has made what weld?
* Pressure testing of piping
* X-ray of all welds
* What will QC supervision look like in the shop and field?
* **Safety Plan**
* PMI will need to provide a site-specific safety plan.
* Plan to include how to safely execute all scopes of work.
* What PPE will be required? Does PPE change for different tasks?
* **Project Org Chart & Resumes**
* Provide an organization chart illustrating the structure of your field staff team (indirects) as well as your field supervision team(direct) and how crews(direct) will plan to be broken down.
* **Curve Ball # 1**
* Provide a written explanation of how your team plans to cope with this curve ball.
* **Curve Ball # 2**
* Provide a written explanation of how your team plans to cope with this curve ball.