



JMP Solutions

Industrial Technology Partner to the Fortune 1000

Front End Engineering Design (FEED)

**Proactive Process Planning for Risk Minimization and
Cost Reduction**



Front End Engineering Design

A FEED is an engineering design approach used to mitigate risk, control project expenses and thoroughly plan a project prior to detailed design and quoting. The FEED assessment helps establish a well-defined scope, budget, schedule, and prioritized business outcomes, resulting in greater success during implementation, commissioning, and start-up.

A FEED study is an early design process that is carried out after conceptual business planning is completed but prior to initiation of highly detailed design work. This process is commonly carried out as a collaborative and interactive activity between an engineering design specialist and customer. This ensures clear lines of communication, well-defined priorities and common goals while minimizing risk and cost of the project.

JMP Solutions is your ideal partner to engage in early phase planning and engineering design work such as FEED studies. Our seven unique business divisions encompassing industrial process and control automation, robotics, AGVs, information and network security systems and material handling give us a unique and comprehensive scope of expertise allowing us to evaluate every IT / OT aspect within the scope of a project.



FEED DELIVERABLES

A FEED is designed to identify and react to project risks as early as possible in order to shorten timeline to startup and ultimately lower overall lifecycle cost.

Based on our post assessment understanding of the risk factors and project scope, JMP will provide project justification and an execution plan which will consist of the following components:



CONTROL DESIGN SPECIFICATIONS



DESIGN BASIS MEMORANDUM



COST ESTIMATE AND ROI



PROJECT SCHEDULE



BILL OF MATERIALS



CUTOVER PLAN, COMMISSIONING



PRELIMINARY DRAWING LIST



NETWORK ARCHITECTURE



PROJECT RISK REGISTER

JMP Solutions

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