



Comprehensive List of Greengauge's Project Management Consultancy Services

Introduction

Project Management Consultancy services play a vital role in the timely, on budget, on specification and safe execution of projects. Greengauge brings specialist knowledge, experience and a fresh perspective. Below is a comprehensive list of consultancy services provided by Greengauge.

Greengauge has no connection with any Engineering Procurement and Construction contractor nor with any vendor of machinery or technology. Our independence and absence of vested interests ensures our strength and resolve to do the right thing.

1. Project Management Consulting

Greengauge consulting focuses on improving project performance through analysis of existing problems and development of future plans. Services that can be provided include:

- Scheduling
- Cost Control
- Leading HAZOP studies
- Leading LOPA studies
- Leading Risk Assessments
- Management of Change
- Procedure preparation and review for Commissioning and Operations
- Process optimization
- Performance measurement and management
- Permit to Work preparation and review
- Environmental Aspects and Environmental Impact Statements

Because of Greengauge's agility it can be engaged for specific tasks at any stage during project development or for the entire project.

2. Commissioning

The Engineers at Greengauge have a vast amount of site-based Commissioning experience both on shore and offshore. PMC services are provided for the following:

- Systemization
- Completions
- Pre-commissioning
- Commissioning
- Start-up
- Stabilization and initial operations



- Performance Testing
- Shutdown Management
- Pre-Start up Safety Review (PSSR)

These services are essential for operators and contractors wanting start-up plants rapidly and safely. Greengauge understands the clear benefit of the early involvement of the Commissioning Team in the development of projects.

3. Front End Loading

Greengauge believes that accurate and thorough application of Front-End Loading methodologies are key to improving the success of Oil and Gas Projects. Greengauge can provide leadership in the following areas:

- Business Planning and Appraisal
- Scope Development and Selection of Alternatives
- Project Planning and Definition
- Application of a set of Value Improvement Practices as appropriate

Companies that achieve effectiveness in capital projects are those with the ability to shape unique assets on the front end of the process. Those companies that don't control the Front-End Loading process are destined to pay too much for capital assets that at best only approximately fill business requirements

4. Process Engineering and Consulting

The Engineers at Greengauge are all professional Process Engineers. In the field of Process Engineering the following services are available:

- Process Simulations
- Technical feasibility studies
- Heat and Mass Balances
- Detailed review and development of Block Flow Diagram, Process Flow Diagram and Process Instrumentation Diagrams
- Design and optimization of systems or products
- Resolution of technical issues
- Energy efficiency consulting
- Cause and effect review
- Control narrative review

Although these services can be provided at any stage of a project, they are normally provided during the FEED.

5. Training

Greengauge has an extensive library of training material and can provide classroom and field-based training in the following areas:



- Process Equipment Monitoring with check sheets and explanatory narrative (turbines, compressors, reactors, reformers, boilers, reverse osmosis, wastewater treatment)
- Operator Training Packages
- Commissioning Procedure Training (leak tests, hydrotests, mechanical run tests, steam blowing, refractory inspections, catalyst loading, pump performance tests, loop checks, function checks)
- HYSYS Process Simulations

In all cases training is backed up with vast site experience.

6. Risk Management Consulting

Greengauge can assess, and mitigate against project risks by providing the following:

- Enterprise risk management frameworks
- Business continuity planning
- Emergency Response management planning

Their insights protect businesses from potential losses and disruptions.

7. Procurement Consulting

Greengauge consultants optimize purchasing processes by providing the following:

- Systematic supplier assessment and selection
- Contract negotiation
- Cost reduction strategies
- Procurement systems implementation
- Supply risk analysis

Greengauge helps organizations reduce costs and improve value from suppliers.

Conclusion

Greengauge offers a wide range of PMC services supported by knowledge and hands on experience. The services can be provided with flexibility and efficiency yet without the burden of home office bureaucracy and costs.