SMEC adds four asset management contracts to its order book

04 September 2019

SMEC’s order book has increased with the award of four asset management contracts in South America.

MAINTENANCE PLANNING SERVICES
As part of the global maintenance centre of excellence rollout in Chile, our client is transitioning its concentrator maintenance planners from its mine site to their Santiago office. To support this initiative, SMEC will carry out planning activities at two of their concentrators that will comprise of: planning for mechanical grinding, shutdown and flotation; and engineering of spare parts inventory, contract area along with reliability and data analysis. SMEC will deploy 21 consultants to complete the six-month contract.

MAINTENANCE ENGINEERING
A Chilean state-owned copper mining company is building a new concentrator plant to meet a new environmental regulation regarding the emission and capture of arsenic at a large smelting facility. To meet the new standard requirements, SMEC will develop the early maintenance engineering associated with the maintainability and reliability of the concentrator plant to ensure the correct functionality and operation from the project stage.

Over five months a dedicated team of nine SMEC consultants, based at SMEC’s Santiago office, will complete the works that include: generation of the technical locations for the equipment; cataloguing of materials; reliability centred maintenance and failure modes and effects analysis; development of maintenance plans and guidelines; loading and programming in SAP; and OPEX/CAPEX projections.

MAINTENANCE MANAGEMENT ASSESSMENT
One of the world’s largest copper producer has engaged SMEC to assess the maintenance management activities of its cathode plant and its operation. The assessment will identify operational improvement opportunities to leverage the maximum performance of the business’s production processes.

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Over a five-week period, the assessment will review:

- Results obtained in terms of costs, production and maintenance
- Effectiveness of the maintenance strategy with respect to the production plan (production goals, throughput, detention plan and master plan)
- Coverage of maintenance strategy for critical equipment
- Bottlenecks and high-level vulnerabilities
- Reliability and planning practices
- Failures and operational variability
- Quality of the maintenance tasks execution
- Business risks regarding potential catastrophic failures
- Maintenance organisation
- Integration between Supply, Maintenance and Operations functions.

MAINTENANCE SERVICES ASSESSMENT
A global provider of mining and construction equipment, services and technical support has engaged SMEC to assess the maintenance services it provides to its two main clients. Due to the increase in demand and the complexity of the mining market, our client is undertaking an initiative to identify gaps, improve and standardise its business processes associated with the technical support and maintenance services of their equipment. The objective is to increase value for its clients over the short, medium and long-term.

Conducted over a five-week period, SMEC will identify process improvements that can be leveraged to maximise production performance. The assessment will include:

- Results obtained in terms of maintenance
- Effectiveness of the maintenance strategy to the planned maintenance plan
- Maintenance strategy coverage
- Bottlenecks and high-level vulnerabilities
- Practices in planning, execution of maintenance tasks and reliability.
- Quality of execution tasks
- Maintenance organisational structure.

ENDS

For more information about SMEC’s Asset Management services visit www.smec.com/assetmanagement