

BOIKARABELO POWER PLANT DESKTOP STUDY



Client: Resource Generation
Site/Location: Waterberg, Limpopo
Project Period: August 2011

Project Description:

Investigation into the commissioning of a coal fired power station to meet the project milestones and requirements.

The project entails:

- An execution strategy will be implemented in three distinct phases:
 - A desktop study
 - The adjudication and selection of the technology provider
 - A feasibility study over 2 to 3 months
 - Power plant engineering and design by technology supplier in parallel with the feasibility study
- The construction of the power plan under an EPCM contract with the technology supplier providing EPC.
- The desktop study scope of work consist of:
 - A review of the project power requirements and load build up
 - A review of the specifications of the power plan submissions by the technology suppliers
 - A review of the applicability of the technology suppliers' budget proposals
 - Preliminary designs of balance of plant
 - Preparation of a conceptual Capital Budget Estimate
 - The definition of the battery limits between the power plan supplier and the balance of plant infrastructure

Services Provided by ENCO:

- Project management
- Peer review technology suppliers' specifications and budgets
- Capital cost estimating
- Engineering