

Contract to Overhaul 4 BFP Motors per year for a duration of 5 years.

Overhaul of 2.9KV Synchronous Motor

The task will consist of stripping the motor completely, remove radiator and remove bearings.

Unthread rotor, megger stator, rotor and exciter.

Clean stator and rotor with dry ice and respray with insulating paint

Bearings need to be sent for re-metaling.

Clean stator and bearing housing and respray with insulating paint.

Clean and pressure test cooler and install new Rockwool

Clean bearing housing and fit insulation, remove bearings and Replace insulation, take sizes and make gaskets.

Fit bottom shells, thermocouples and test.

Megger stator, rotor and thread rotor.

Fit radiator to cooler and assemble to drawing and box up.

Install Impro seals in conjunction with Eagle Burgmann.

Rotor balancing to be done by a professional if required.

The task will be performed on site and must be completed within 26 days per Motor.

Daily inspections will be performed by Responsible person and all hold points will be done as per approved quality control plan and procedure.

Crane drivers, riggers and Responsible person will be supplied by Eskom.

All materials required for task will be supplied by the vendor.

Supplier to provide program and QCP together with RFQ returnable.

Proof of previous experience related to enquiry as a prerequisite to be submitted with tender returnable

Possible suppliers: X/Y Consulting and J&E Mechanical and Electrical site Services

END USER: Dhinesh Matabadal 017 799 3683