

PART 3: SCOPE OF WORK

THE PROVISION OF CONTRACTUAL MONITORING AND SAMPLING FOR ESKOM PRIMARY ENERGY ON AN "AS AND WHEN REQUIRED" BASIS FOR THE PERIOD OF 36 MONTHS

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C3.1: EMPLOYER’S SERVICE INFORMATION

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1 Description of the service

1.1 Executive overview

The provision of contractual monitoring and sampling of contract coal and limestone for Eskom Primary Energy on an “as and when required” basis for a period of 36 months.

1.2 Employer’s requirements for the service

CONTRACTUAL MONITORING, SUPERVISION AND SAMPLING OF CONTRACT COAL/LIMESTONE AS PER THE ESKOM MONITORING AND SUPERVISING PROCEDURE (ANNEXURE XXX) AND THE CONDITIONS OF THE COAL/LIMESTONE QUALITY MANAGEMENT PROCEDURE (CQMP/LQMP)

The contractor shall offer monitoring, supervising, and sampling services at the affected property (mine and/or Eskom Power Station/Rail Siding) on a 24-hour basis. The monitor and supervisor will oversee the pre-certification process on behalf of ESKOM and ensure that pre-certification is conducted according to the CQMP/LQMP. This will entail the following:

Mine:

- Monitor ROM coal and supervise the ROM stockyard
- Monitor and supervise coal processing and sampling
- Monitor and supervise all product stockyard activities and contractual sample storage
- Oversee, supervise and sign-off the contractual sample collection process
- Oversee and supervise the stockpile loading process
- Document all activities and submit reports as required, and report non-conformances accordingly
- Fulfil all Safety, Health, Environmental and Quality requirements as per the Mine Health and Safety Act and all applicable legislation.

Power Station/Rail Siding

- Monitor each truck delivering coal to ensure that the coal delivered at the power station and or rail siding is free of contamination, foreign material, and is appropriately sized
- Monitor and supervise all quality related stockyard activities
- Conduct verification sampling as per ISO 17025 and Eskom Sampling Procedure
- Ensure verification samples are secure and are kept safe from the elements
- Oversee, supervise and sign-off the verification sample collection process
- Document all activities and submit reports as required, and report all non-conformances accordingly
- Fulfil all Safety, Health, Environmental and Quality requirements as per the Occupational Health and Safety Act and all applicable legislation

Monitoring Deliverables

- Submit technical reports, checklists, forms of all site activities and non-conformances as per instructed frequency.
- Submit signed and electronic time sheets for each Monitor and/or Supervisor as per instructed frequency.
- Submit verbal and written non-conformance reports to the employer as per instructed frequency.
- Attend weekly/monthly and ad hoc meeting
- Provide written and verbal responses to all queries from the employer

CONTRACTUAL SAMPLING AS PER CONDITIONS OF CQMP/ LQMP

- The contractor shall conduct manual sampling for verification, and any other sampling deemed necessary by the Employer.

- The contractor shall comply with all Safety, Health, Environment, and Quality requirements, including the Mine Health and Safety Act, Occupational Health and Safety Act and all relevant legislation.
- All sampling shall be done according to ISO 17025, the CQMP/LQMP and, Eskom Manual Sampling Procedures.
- The contractor shall ensure that the samples are kept in a safe and secure manner as per Eskom requirements.
- The contractor shall oversee, supervise and sign-off the sample collection process.
- The contractor shall document all activities and submit reports as required, and report all non-conformances accordingly

AD HOC ACTIVITIES

Ad hoc Monitoring and Supervision (Drilling and Core Sampling):

- The contractor shall oversee the drilling and or sampling of boreholes to obtain borehole samples for Drop Tube Furnace (DTF) according to the relevant Eskom monitoring and sampling procedure as provided.

Ad hoc Sampling:

- The contractor shall conduct manual sampling of bulk combustion test samples at the affected property according to the Eskom Manual Sampling Procedure.
- The contractor shall conduct variability, drainage testing, bias testing of the sampling plants, stockpile auger sampling and power station stockpile sampling according to the relevant Eskom Sampling procedure as provided.

Ad hoc Truck Logistics:

- The contractor shall provide monitors and supervisors to manage the truck queue at the affected property.
- The contractor shall provide monitors and supervisors to conduct checks on coal trucks as they arrive at the affected property.

Sampling and Truck Logistics Deliverables

- Submit sampling and truck logistics reports and checklists as per instructed frequency
- Submit signed and electronic time sheets for each Monitor and/or Supervisor as per instructed frequency.
- Submit verbal and written non-conformance reports to the employer
- Attend weekly/monthly and ad hoc meeting
- Provide written and verbal responses to all queries from the employer

1.3 Interpretation and terminology

Where the word "coal" is used, same is applicable for limestone similarly.

The following abbreviations are used in this Service Information:

Abbreviation	Meaning given to the abbreviation
CQMP	Coal Quality Management Procedure
Limestone	Limestone Quality Management Procedure
ISO	International Organization for Standardization
ROM	Run of Mine