

PART 3: SCOPE OF WORK

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C3.1: EMPLOYER'S SERVICE INFORMATION

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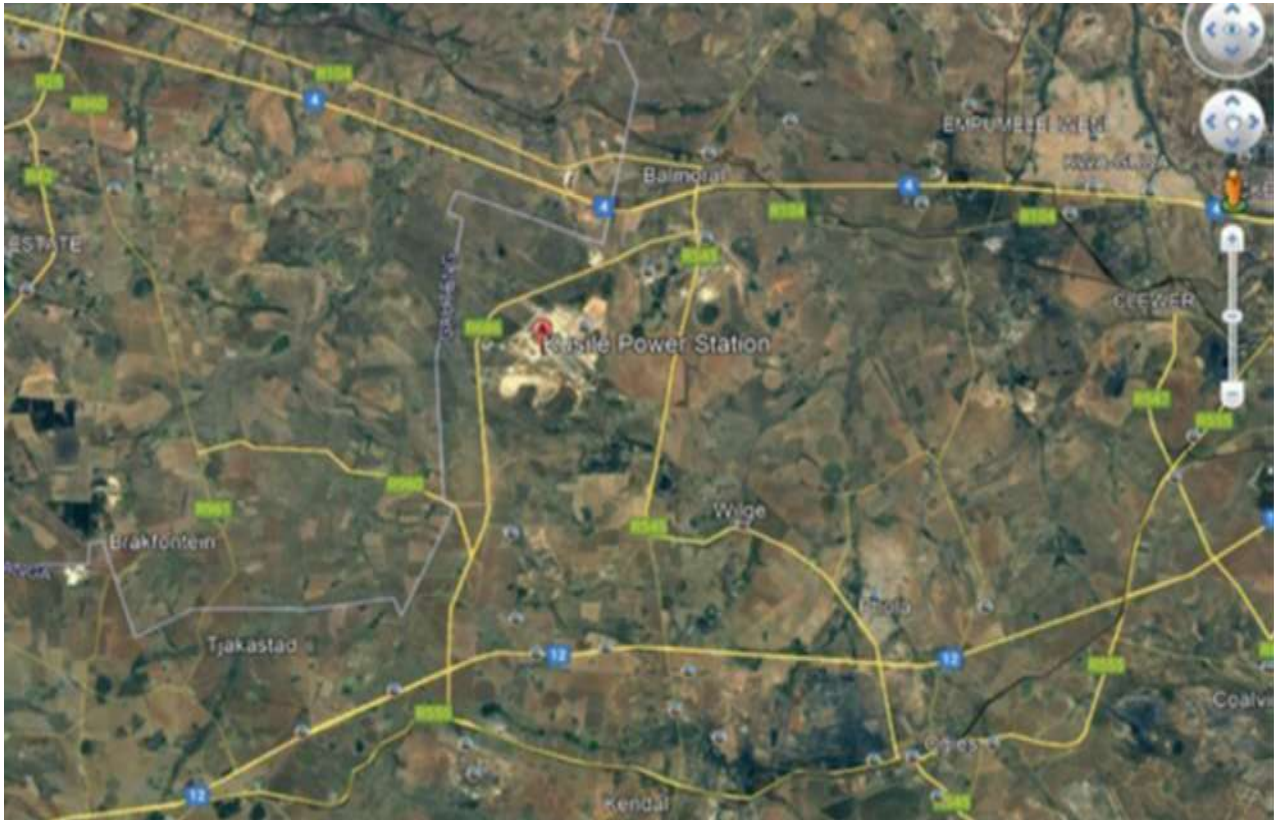
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1 Description of the service

1.1 Executive overview

The Kusile Power Station site is located approximately 37km northwest of eMalahleni in the Mpumalanga Province. The site is accessed from the R686 road between highways, N4 and N12. The location of the site is indicated in figure 1 below.



Site Location

Kusile power station Ash Disposal facility (10-year Ash dump) is located on the western side of the power block outside the bounds of the National Key Point fencing (see figure 2). The dust suppression system consists of pumps, pipework (underground and surface piping), valves, sprinklers and fittings which are installed taking suction from the Ash Dump Dirty Dam (ADDD) and conveying water to the ash dump phase 1a-c for dust suppression and irrigation purposes.

1.2 Works information

1.2.1 List of equipment

Table below shows the equipment types and specifications installed in the plant that is to be maintained as per requirements of this scope. the total area of the ash dump to be dust suppressed/covered throughout the contract duration is approximately 1 051 100m².

No.	Equipment Description	Number of Equipment Required per year
I.	SIME IBIS 4&10 Sprinkler	100
II.	Sprinkler Supply Pipes (160mm SDR 7.4 PE100 HDPE)	24mx170
III.	Main Supply line on Ash Dump (200mm SDR 7.4 PE100 HDPE)	24mx20
IV.	Main Supply line on Ash Dump (280mm SDR 7.4 PE100 HDPE)	24mx20
V.	HDPE bends (160mm diameter)	200
VI.	HDPE T-Pieces	80
VII.	Isolation Valves (150NB butterfly Valves)	150
VIII.	Flexible hose (50mm diameter lay flat. Pressure rating 10 Bar)	120
IX.	Sprinkler Trolleys (50NB SANS 62-1 Pipe mounted on wheels)	120
X.	Fittings (these include clamps, reducers, and other small fittings)	200

Sprinkler Specifications:

- a) Name: IBIS 4&10
- b) Min Pressure = 2bar
- c) Max Pressure = 4bar
- d) Min flow = 6.1m³/hr
- e) Max flow = 8.6m³/hr
- f) Min Jet Length = 17m
- g) Max Jet Length = 21m

Provision of Heavy Plant and Equipment

The Contractor shall provide suitable yellow plant machinery, including a front-end loader and a 20-ton excavator, as and when required for works at the ash dump. These machines will be used for handling and transporting pipes, excavating trenches, and installing pipes underground in accordance with project specifications. The Contractor must ensure that all equipment is fully operational, compliant, and available on site to support efficient project execution. The Contractor is responsible for transporting of the earth moving machines and obtain road traffic permit during maintenance of machines.

The minimum plant requirement shall include:

- I. 20-ton excavator.
- II. Front End Loader.

The yellow plant shall be:

- I. Fully operational and compliant with Eskom and legal requirements.
- II. Certified, roadworthy (where applicable), and fit for use in an industrial environment.
- III. Operated by trained, competent, and certified operators.

1.3 General

- a) The contractor is responsible for performing regular maintenance of the ash dump sprinkler system, which includes inspections, cleaning, testing, and any necessary servicing to ensure the system remains in good working condition.
- b) The Contractor shall carry out timely repairs, including replacing damaged or worn-out parts, and ensure that sufficient spare parts are always available to avoid delays.
- c) The contractor shall also be aware of and prepared for emergency callouts, responding promptly when urgent issues arise to minimize downtime.
- d) The Contractor is required to provide clear maintenance and repair reports after each visit and communicate any major problems or recommendations to the relevant site personnel. The contractor shall ensure that all work is performed in accordance with site safety regulations, using appropriate protective equipment, and in compliance with environmental and legal regulations.
- e) The existing system consists of HDPE piping and therefore the contractor shall have the relevant experience and equipment to conduct plastic welding during repairs and pipe installation.
- f) The contractor shall possess the necessary equipment and expertise to carry out plastic welding activities for additional system , including but not limited to the water treatment plant ,auxiliary cooling system and recovery system, on an as-required basis.

Maintenance Work

The Contractor is required to conduct periodic plant inspections and routine maintenance work. The routine maintenance work will include:

Inspections

- a. Daily, weekly, and monthly visual inspections of the dust suppression system
- b. Inspection of pumps, motors, valves, pipework, flanges, and fittings
- c. Inspection for leaks, blockages, corrosion, wear, and mechanical damage
- d. Inspection of spray nozzles for blockage, wear, and spray pattern effectiveness

- e. Inspection of electrical panels, control systems, and instrumentation (where applicable)

Preventive Maintenance

- a. Cleaning and flushing of pipelines and spray nozzles
- b. Calibration and adjustment of spray nozzles and control valves
- c. Testing of system pressure, flow rates, and operational performance
- d. Replacement of worn or defective components prior to failure.

Corrective Maintenance

- a. Identification and rectification of system defects and faults
- b. Repair or replacement of failed components
- c. Restoration of system functionality following breakdowns or abnormal operation

Housekeeping

- a. Cleaning of dust suppression equipment
- b. Removal of debris that may affect system performance or safety.

Testing and Commissioning

- a. Functional testing of equipment after maintenance activities
- b. Verification that the system operates in accordance with performance requirements
- c. Recommissioning of equipment after repairs or shutdowns.

Reporting

The contractor shall record and report the following to the employer:

- a) The contractor shall compile and submit routine weekly or monthly inspection and work progress reports.
- b) All incidents and equipment failure to be reported to the Employer within the same day.
- c) The contractor must provide monthly overall system performance report.
- d) The contractor submits to the Employer, a fully substantiated written damage report specifying the nature, scope and cost of rectification work required including a programme for execution.

Contractor responsibilities

The contractor shall adhere to the following requirements during the duration of the contract:

- a) Maintenance and repair services for all sprinklers in accordance with the relevant procedure and specification.
- b) Contractor shall maintain sprinklers and service log and submit such to the contract manager within 48hrs of performing such works for necessary reviews.
- c) The contractor to provide technical support and advice on constant failure trends of the equipment.
- d) Provide consistent and cost-effective maintenance strategy.
- e) Ensure that the application and implementation of appropriate maintenance tools and innovative techniques.
- f) Develop Key performance Indicator (KPI), objectives and targets which support and which in line with the Employer's objectives.
- g) Provide adequate resources capabilities to carry out maintenance and repair work and that support the Employer's objectives.

- h) The contractor shall notify Eskom contract manager on any defects or repair work that fall outside the scope.
- i) The contractor to adhere to all Employer's health and safety requirements and procedures on site.
- j) The contractor to provide relevant documentation caters for the employer's equipment. This will include all records keeping of all activities, plant conditions and quality control and safety documentation.
- k) The contractor shall comply with all relevant SABS standards, OHS Act 1993 and also with the Employer's standards as specified from time to time.
- l) The integrity of the plant is maintained within the parameters specified by the Employer.
- m) All other maintenance activities to be performed in accordance with the relevant procedure and specification where applicable.
- n) All plant manuals and other documentation as requested by the Employers will be returned or submitted by the contractor.
- o) Contractor shall carry out routine check if deem necessary as per operations and maintenance manuals of such equipment.
- p) Movement of diesel pumps as and when required/deemed necessary, is the responsibility of the service provide.
- q) Execution of corrective maintenance activities

Execution of preventative maintenance activities as specified by Engineering

1.4 Records

1. On completion of the works, the Contractor shall provide the Eskom Engineer and Maintenance Snr Supervisor with a Data Book containing all the relevant Quality Control documents and records pertaining to the works.
2. This data book shall contain, as a minimum, the following:
 - a) The Quality Plan.
 - b) Copies of all Batch Release Certificates from the manufacturer acquired during the project.
 - c) Copies of the signed paint manufacturer's data sheets acquired during the project.
 - d) Calibration certificates to be available for the tools to be used.

1.4.1 quality and Documentation Control

During the tender process a quality criterion will be defined that the *Contractor* must comply to. The *Contractor* to compile a specific Spares quality management plan for specific SOW and will be approved by the Employer's delegated person, usually the System Engineer.

All Quality References and Standards as stipulated in this document will be adhered to. The Contractor to comply with the Employer's quality documentation management system and processes. Based on the scope of work, this falls under category 4 of the quality requirements.

The supplier shall provide the following documented information:

- Quality manual
- Quality policy
- Project quality plan

- QCPs
- Organisational structure
- Business objectives
- Complete form A

Environmental requirements

- a. The contractor must identify all aspect and impact related to the scope of work and put measures in place to minimise/prevent environmental contamination.
- b. All waste including scrap materials to be disposed in allocated bins onsite.
- c. In terms of Sec 28 of National Environmental Management Act 107 of 1998: Every person who causes has caused or may cause significant pollution or degradation of the environment must take reasonable measures to prevent such pollution or degradation from occurring, continuing or recurring.
- d. If any incident occurs, it must be reported to the Environmental Department immediately or within 24 hours of occurrence.

1.4.2 Re-commissioning

- All plant equipment maintained shall be re-commissioned as per site specific procedure after any maintenance intervention to certify full work completion.
- The contractor shall be responsible or held liable for any defects arising from maintenance / operational faults forty-eight hours after intervention, provided that the equipment has been placed into service.

1.3 Contractor's requirements for the service

- a. The Contractor must ensure that all spares preservation requirements are adhered to as per Employers requirements and procedures.
- b. The following complementary services to improve Plant and labour performance can be defined as follows;
 - i. Project management
 - ii. Value engineering
 - iii. Procedure and documentation writing
 - iv. Compile and improve task list's
 - v. Technical advice
 - vi. Asset management in accordance with PAS55
 - vii. Component failure analysis reporting
- c. The Employer may request the Contractor to ensure that an accurate description of spare parts is maintained in the Employer's stores and the Contractor informs the Employer as to any recommended changes.
- d. The Contractor is to ensure that any service rendered does not interfere with the Employer's scheduled work and should align himself with the Employer's work control management process.
- e. The contract entered into with the Contractor is non-exclusive and work against this contract can only be performed upon receipt of a task order.
- f. All Spares will be subject to anytime inspection by the Employer.
- g. Contractor vehicles to comply with Eskom Vehicle Standards and Procedures.
- h. Will be required to comply with the Employers process control manuals (PCM) that outlines the outage processes.

1.4 Contractor's requirements for the Supply of spares

- a) All equipment / spares must be on time of required order date
- b) Transported by road on suppliers' costs and transport
- c) End user to be informed when delivery will be done at least 2 days upfront
- d) No deliveries to be done on a Weekend or Public holiday unless if emergency occurred.

1.5 Interpretation and terminology

The following abbreviations are used in this Service Information:

2 Management strategy and start up.

2.1 The Contractor's plan for the service

The *Contractor* supplies the *Employer* with their *Contractor's* plan. The *Contractor* must submit the *Contractor's* plan at the inception of this contract. The *Contractor's* plan must include but is not limited to the following.

- Quality management system implementation programme
- A Quality Control Plan (QCP) for each Task order withhold-points, witness, and verification points for the employer to check and monitor progress.
- Safety plan including implementation programme.
- Staff qualifications and experience and/or time frame for appointment of staff.
- A program and resources schedule for the service and for each Task order must be submitted to the *Employer* and shall indicate start, inspection and completion dates, resources and costs.
- Any staff replacement must be accepted by the *Employer* and the replacement must meet the conditions stipulated above.

In case of any major breakdowns and/or when required by the *Employer*, a repair plan of action shall be submitted to the *Employer*. Repair work shall commence no later than the time agreed between the *Employer* and *Contractor* on his plan of action.

If the *Contractor* fails to complete any part of the service according to the *Contractor's* plan or it becomes apparent to the *Service Manager* that the service cannot be completed according to the *Contractor's* plan and if such failure is due to the *Contractor*, then the *Contractor* shall submit his plan of action to the *Service Manager* to deal with the delay.

2.2 Management meetings

Regular meetings of a general nature may be convened and chaired by the *Supply Manager* and the *Service Manager* as follows:

Title and purpose	Approximate time & interval	Location	Attendance by:
Kick off meeting	Once	MS Teams/ Kusile Power station	<i>Employer</i> and <i>Contractor</i>
Overall contract progress and feedback	Quarterly	MS Teams/ Kusile Power station	<i>Employer</i> and <i>Contractor</i>

Separate meetings for specialist activities such as planning and activities of a technical nature may also be warranted. Meetings of a specialist nature may be convened as specified elsewhere in the Service Information or if not so specified by persons and at times and locations to suit the Parties, the nature and

progress of the service. Records of these meetings will be submitted to the *Service Manager*, by the person convening the meeting.

All meetings shall be recorded using minutes or a register prepared and circulated by the person who convened the meeting. Such minutes or registers shall not be used for the purpose of confirming actions or instructions under the contract as these shall be done separately by the person in the conditions of contract to carry out such actions or instructions.

Regular meetings of a general nature may be convened and chaired by the *Service Manager* on as when required.

2.3 Contractor's management, supervision and key people

- a) The *Contractor's* shall ensure that only competent persons be allowed to work on plant. The *Employer's Service Manager* is entitled to verify the qualifications of the *Contractor's* employees.
- b) The *Contractor* must be knowledgeable about the condition and scope of work contained in this contract
- c) The *Service Manager* may, having stated reasons, instruct the *Contractor* to remove a key person.
- d) The *Contractor* must ensure that all personnel operating mobile equipment and vehicles are authorised in writing with the required competency training

2.4 Provision of bonds and guarantees.

The form in which a bond or guarantee required by the *conditions of contract* (if any) is to be provided by the *Contractor* is given in Part 1 Agreements and Contract Data, document C1.3, Sureties.

The *Employer* may withhold payment of amounts due to the *Contractor* until the bond or guarantee required in terms of this contract has been received and accepted by the person notified to the *Contractor* by the *Service Manager* to receive and accept such bond or guarantee. Such withholding of payment due to the *Contractor* does not affect the *Employer's* right to termination stated in this contract.

2.5 Documentation control

- All assessments

2.6 Invoicing and payment

- a) Supplier to quote the Eskom official purchase order in all delivery notes and invoices.
- b) Goods must be well packaged and safely transported.
- c) Eskom to acknowledge receipt of goods by stamping and signing the delivery note of the supplier upon delivery, rejected items to be communicated after the official quality inspection is done on site by the end-user.
of the product rejected goods must be collected and the correct goods supplied within 14 days.
- d) Only goods as specified will be accepted. Any goods which do not meet the specifications will be rejected.

Within one week of receiving a payment certificate from the *Service Manager* in terms of core clause 51.1, the *Contractor* provides the *Employer* with a tax invoice showing the amount due for payment equal to that stated in the *Supply Manager's* or *Services Manager's* certificate.

The *Contractor* shall address the tax invoice to *Employer* and include on each invoice the following information:

Name and address of the *Contractor* and the *Supply Manager or Service Manager*.

The *Contractor* shall address the tax invoice to

Eskom Holdings SOC Ltd
Kusile Power Station
Postnet Suite 283,
Private bag x 7297,
Witbank, 1035

- The contract number and title;
- *Contractor* VAT registration number;
- The *Employer's* VAT registration number.
- Description of *goods* and *services* provided for each item invoiced based on the Price Schedule;
- Total amount invoiced excluding VAT, the VAT and the invoiced amount including VAT;
(add other as required)

No invoices to be handed to an individual. There is no need for the *Purchaser Representative* to sign invoices as they perform Goods Receipt (GR) in the system. The Goods Receipt serves as the approval of payment. **Invoices must be delivered to the Eskom Documentation Centre (email to: Invoiceseskomlocal@eskom.co.za) as this will speed up the payment process and ensure that invoices are not lost, and payments delayed.** Eskom Documentation Centre will review invoices according to a checklist and on completion scan the documentation into Accounts Payable processing system (Documentation can only be scanned where the Purchase order no. and Goods Receipt Note no. is reflected on the invoice, and the invoice complies with the VAT Act). Invoices are processed and released for payment by Accounts Payable Section only where the source documentation is 100% correct.

- The *Contractor* keeps records of all invoices submitted and paid up to the end of the project, as well as details of Actual Costs.
- *Contractor* is required to follow the correct process to ensure the payment is processed in accordance with contractual payment terms.

2.7 Contract change management

Refer to the NEC3 Term services Contract Core Clause 6, in the event any changes to the contract must be managed.

2.8 Records of Defined Cost to be kept by the *Contractor*

Not Applicable

2.9 Insurance provided by the *Employer*

Refer to C1.2 TSC3 Contract Data section 8

2.10 Training workshops and technology transfer

The *Contractor* shall conduct skills transfer to the *Employer's* Maintenance, Engineering and Operating staff. Skills transfer shall also be conducted during breakdown situations by the *Contractor* so that the *Employer's* staff knowledge base can be enhanced.

The following training that will be provided by the *Employer to the Contractor*:

- Plant Safety Regulations (PSR)

2.11 Design and supply of Equipment

Equipment supplied must be always in safe working order, irrespective whether the equipment is supplied by *Employer or Contractor*. Regular maintenance must be done on all equipment used to execute the service required.

The *Contractor* shall not proceed with any repairs or refurbishment points unless all the necessary inspections, witness or tests are conducted according to the Quality Control Plan. The *Employer* shall conduct such inspections to ascertain that work is conducted to the agreed upon quality standard. However, the liability for such designs, refurbishment, supply and use of the Equipment remains with the *Contractor*.

2.12 Things provided at the end of the *service period* for the *Employer's* use

2.12.1 Equipment

Any equipment (assets) bought during the service period will be transferred to the Employer at the end of the service period.

2.12.2 Information and other things

In the event that the information and other things are required, it will be discussed by two parties, and the provision of information and other things will be mutually agreed upon.

2.13 Management of work done by Task Order

- a) A Task order starting with 45* series number will be issued to the contractor for every delivery and services to be provided.
- b) In case of emergency repairs outside the SOW, a different Task Order will be send to the contractor for the works. Response to the issued Task Order must be delt with as per secondary option clause X19 of the agreement.

3 Health and safety, the environment and quality assurance

3.1 Health and safety risk management

The *Contractor* undertakes to take all reasonable precautions to maintain the health and safety of persons in and about the execution of the service.

- The *Contractor* shall comply with the health and safety requirements contained in the **SHEQ spec KUS-20251193**.
- A SHEQ file to be handed in at the SHEQ department for approval prior to work commencement and kept up to date for the duration of the contract.
- The appointed contractor must provide the project manager **with a certified copy of his/her Compensation Commissioner's valid letter of good standing before the commencement of work and any future renewal letters obtained during the project for record-keeping purposes.**

, Onsite Assembly and Installation work falls under a high-risk category as per Eskom supply risk category. In compliance with legal and other requirements, the following requirements must be complied with fully:

- Employees must be medically fit to work at Kusile Power Station
- Employees must be trained to work and be competent to work.

3.2 Environmental constraints and management

The following documentation should be submitted as part of tender returnables

- a) Environmental Policy or SHEQ Policy
- b) Environmental aspect and impact register
- c) Environmental management plan that is in line with the scope of work
- d) Proof of training of persons performing activities that could have significant impact on the environment.

The *Contractor* shall conform to all requirements dictated in the document **SHEQ Spec KUS-20251193**, which includes Waste Management Procedure, the National Environmental Management Act (NEMA, Act No. 107 of 1998) and Zero Liquid Effluent Discharge Policy.

Eskom Kusile Power Station shall issue non-conformances where there are deviations from environmental requirements.

3.3 Quality assurance requirements

It is important that all the contractors or service providers at Eskom meet the minimum requirements of ISO 9001 quality management system to maintain a high standard of products or services rendered to Eskom. It is therefore important that the contractor demonstrate commitment to the development, implementation and maintenance of its Quality management system which complies with the requirements of ISO 9001 standard.

The Contractor shall comply with the Eskom's QM58 (240-105658000) Supplier Quality Management Specification.

- Quality requirements include visual inspection by the Employer, who will be entitled to witness progress of work at any time. The Employer shall also have the right to stop work and re-instruct the contractor, who will comply with the request.

- The Employer may, by arrangement inspect completed work. If, in opinion of the Employer, the work does not comply with the quality requirements expected from the Contractor, the Employer shall instruct the Contractor to rectify the faults. The Contractor will comply with the instructions.
- QCP's with action plans, safe work procedures and job observations shall be produced at the request of the Employer. QCPs must be signed and approved by quality controller.

The *Contractor* shall conform to all requirements dictated in the document **SHE Spec KUS-20251193**

The *Contractor* shall also comply with the following documents:

- 240-68099512 Form A: The tenderer must complete and sign this form to acknowledge and accept Eskom Contractor Quality Requirements as per QM 58 Specification and ISO 9001 Standard

4 Procurement

4.1 People

4.1.1 Minimum requirements of people employed

SKILL	RELATED EXPERIENCE
Site/ Project Manager	NQF 7 Mechanical Engineering Qualifications with proof 3+ Yrs Mechanical Scope related Background plus 2+ Yrs Supervisory experience Or N6 Engineering Diploma plus 5+ Yrs Mechanical Scope related. 2+ yrs supervisory experience
Mechanical Supervisor/s	Minimum N6 Mechanical Engineering Qualification and Trade Test Certificate- 5+ years mechanical background
Mechanical Technician	National Diploma Mechanical Engineering with 2+Yrs Or N6 Engineering Diploma plus 5+Yrs Mechanical Scope related.
Mechanical Engineer	NQF 7 Mechanical Engineering Qualifications with 3+ Yrs experience
Mechanical Artisans (e.g. Mechanical Fitters, Riggers, Welders, Boilermaker, etc.)	N3 Mechanical Engineering Qualification and Trade Test Certificate minimum N3 Engineering Qualifications with proof and Trade Test - 4+ Yrs Mechanical Background -
SHE Officer	NQF 4 Qualifications and SAMTRAC/SHEMTRAC Certificate with proof - Copy of Valid OHS Professional Bodies (SIOSH , SAIOH or SACMP) certificate or proof of registration as a candidate- 2-3 yrs SHE Scope related Background
Quality Controller	NQF 6 Mechanical Qualifications/Quality qualification 2+ Yrs Mechanical Background - 2+ Yrs Scope related Experience -

4.1.2 BBBEE and preferencing scheme

Specify constraints which *Contractor* must comply with after contract award in regard to any Broad Based Black Economic Empowerment (B-BBEE) or preferencing scheme measures.

4.1.3 Accelerated Shared Growth Initiative – South Africa (ASGI-SA)

The *Contractor* complies with and fulfils the *Contractor's* obligations in respect of the Accelerated and Shared Growth Initiative - South Africa in accordance with and as provided for in the *Contractor's* ASGI-SA Compliance Schedule stated below

[Insert the agreed ASGI-SA Compliance Schedule here]

The *Contractor* shall keep accurate records and provide the *Service Manager* with reports on the *Contractor's* actual delivery against the above stated ASGI-SA criteria. [Elaborate on access to and format of records and frequency of submission etc.]

The *Contractor's* failure to comply with his ASGI-SA obligations constitutes substantial failure on the part of the *Contractor* to comply with his obligations under this contract.

4.2 Subcontracting

4.2.1 Preferred subcontractors

Not applicable

4.2.2 Subcontract documentation, and assessment of subcontract tenders

Not applicable

4.2.3 Limitations on subcontracting

Not applicable

4.2.4 Attendance on subcontractors

Not applicable

4.3 Plant and Materials

4.3.1 Specifications

Plant and Materials are defined as items intended to be included in the Affected Property. This will refer to replacement of worn or defective parts, routine replacement as part of regular preventative maintenance and supply of spare parts. Quality is usually designed in or specified in the technical specifications. However to cover circumstances where quality may not be prescribed, this sub-paragraph could also be used to state an overarching default requirement – fitness for purpose etc.

Either specify here or provide a list of the applicable specifications and attach them as Annexure or state where they can be obtained from.

4.3.2 Correction of defects

- The Contractor shall ensure that all defects are corrected and tested according to the Employer's processes and procedures.
- All re-work shall be done at the Contractor's cost

4.3.3 Contractor's procurement of Plant and Materials

Replacement materials/ components will be kept at the Employer's inventory/ stock and issued as stock items when required. The Contractor must inform the Employer immediately of any constraints experienced during the procurement process of plant and materials whenever required to procure any materials.

4.3.4 Tests and inspections before delivery

- The contractor shall ensure that all supplied materials are in accordance to the Employer's specifications
- The contractor must inspect and test all materials before delivering to site and then supply the test certificates to the Employer.

4.3.5 Plant & Materials provided “free issue” by the *Employer*

Not Applicable

4.3.6 Cataloguing requirements by the *Contractor*

Not Applicable

5 Working on the Affected Property

5.1 *Employer's* site entry and security control, permits, and site regulations

5.1.1 Permit to Work System (PTW)

The Eskom Permit to Work System (PTW) specify and provide requirements for the application of compulsory health and safety standards and procedures for the safeguarding of Plant and persons. This system forms an integral part of the approval process for work under the Work Coordination Process. The following Eskom Regulations shall be complied with:

- Eskom Plant Safety Regulations, GGR 0992;

The contractor shall ensure that adequately experienced personnel with the required levels of education are nominated by the contractor to attend all relevant training specific to the Appointments required by the roles. Training shall be provided free of charge by Eskom; however, the candidates time shall be for the *Contractor's* own account.

5.1.2 Induction training

The appointed contractor shall ensure that all his / her employees have undergone the Kusile Power Station Safety contractor management induction training prior to commencing work on site and shall be renewed annually. Appropriate time must be set aside for training (induction and other) of all Contractors' personnel including the annual re-induction training.

The *Contractor* shall have no claim against the *Employer* in respect of delay at the security main gate

5.1.2.1 Visitors to site induction

- Visitors to the site shall be required to undergo and comply with the appointed contractor's site-specific safety induction prior to being allowed access to site.
- All visitors must remain in the care and custody of a person (host) who has been properly inducted. No visitors are permitted to undertake any work onsite, of any nature.
- Visitors who have completed site induction must be provided with a record of proof of Induction training.
- The *Contractor* provides security necessary for the protection of the works at all times until the Completion of the whole of the works.
- The *Contractor* is informed of the access procedures through Site Regulations and note that such procedures may change depending on the prevailing security situation.
- No firearms, weapons, alcohol, illegal substances and cameras (including cell phones with cameras) are permitted on Site. No 'Private Work' is carried out for or on behalf of any Eskom employee. Kusile Power Station has zero tolerance to alcohol and drugs. There is 100% alcohol breathalyser testing for all persons coming to site. Any person that tests positive will not be granted access to site and shall be considered to be in violation of the Eskom's Life Saving Rules. If an employee or *Contractor* employee is suspected of being under the influence of alcohol is tested and if proved positive, he/she is refused entry to site. Formal disciplinary action shall be constituted by the *Contractor*.

5.1.3 Eskom Life-saving Rules

1. Six Life-saving rules have been developed that will apply to all Eskom Employees, agents, consultants, and **contractors**. Failure to adhere to these rules by any Eskom employee or employee of an Appointed Contractor or sub-contractor will be considered a serious transgression. These rules are being implemented to prevent serious injury or death of any employee, labour broker or contractor working in any area within Eskom.

2. If any contractual work will be performed on any Eskom premises (including delivery of any product), then the rules **shall be obeyed** by any contractor and their employees.

The Life-saving rules are: RULE	DESCRIPTION OF RULE
Rule 1	OPEN, ISOLATE, TEST, EARTH, BOND, AND/OR INSULATE BEFORE TOUCH (That is plant, any plant operating above 1000 V)
Rule 2	HOOK UP AT HEIGHTS Working at height is defined as any work performed above a stable work surface or where a person puts himself/herself in a position where he/she exposes himself/herself to a fall from or into.
Rule 3	BUCKLE UP No person may drive any vehicle on Eskom business and/or on Eskom premises: Unless the driver and all passengers are wearing seat belts.
Rule 4	BE SOBER No person is allowed to be under the influence of intoxicating liquor or drugs while on duty
Rule 5	PERMIT TO WORK Where an authorisation limitation exists, no person shall work without the required permit to work.
Rule 6	NO REVERSING WITHOUT A SPOTTER/FLAGMAN Whenever a construction vehicle has to reverse, there must be a flagman to guide the

- Eskom will take a stance of zero tolerance on these rules.
- Non-compliance to a Life Saving rule will be considered serious misconduct and will lead to serious disciplinary action, which may include dismissal.
- This is to ensure that **every person** who works on or visits an Eskom **returns home safely to his or her family**.

5.2 People restrictions, hours of work, conduct and records

Working hours

Monday- Thursday 07h00 to 16h15

Fridays 07h00 to 12h00

A standby service must be available on demand outside normal working hours.

Kusile Power Station operating times is from 07:00 until 16:15, arrangements for deliveries to be made outside those hours. No deliveries shall be made outside the Stores department or receiving part of the Stores area.

5.3 Health and safety facilities on the Affected Property

There is a medical station on site and a fire and rescue service for assistance with serious incidents and treatment of all serious injuries during normal working hours. Emergency services are available during normal working hours. The Contractor however is expected to handle all minor incidents in-house.

5.4 Environmental controls, fauna & flora

Eskom's responsibility and commitment is to ensure protection of environment within which it operate and minimisation of environmental impact in line with its Safety, Health, Environmental and Quality Policy (SHEQ), along with legislative obligation. The *Contractor* shall conform to all requirements dictated in the documents. **KUS-20250797**

5.5 Cooperating with and obtaining acceptance of Others

Proper co-ordination and work planning must be done when working in any area where others are performing work or activities. Interfacing may be required with the site maintenance personnel and others

5.6 Records of Contractor's Equipment

All materials, tools and equipment brought onto site are the responsibility of the *Contractor* and shall comply with the *Employer's* policies and procedures. The *Contractor* shall ensure that all tools and equipment are listed on an inventory list, be regularly inspected at least monthly or as required by legislation and risk assessments. All the assets must be declared and registered with security upon entering site. This includes portable assets such as a laptop.

The requirements for the use of machinery are covered in the various regulations of the Occupational Health and Safety Act. Since incorrectly used machinery or using unsafe machinery can cause serious harm and/or damage, it is important to ensure that all mechanical equipment is safeguarded in order to protect the health and safety of persons who may be exposed to such mechanical equipment, and also to ensure that competent persons operate the machinery.

Kusile power station reserves the right to inspect tools or items of equipment brought to site by contractors for use on this project.

5.7 Equipment provided by the Employer

Off-loading and material handling Equipment such as cranes and forklifts are not available on site and if required is to be provided by the *Employer*.

5.8 Site services and facilities

5.8.1 Provided by the Employer

Sanitary services, water, compressed air and electricity shall be provided by Eskom at fixed point on the plant.

5.8.2 Provided by the Contractor

The Contractor is to supply all the personal protective equipment, accommodation, transport, tools, equipment and consumables to perform all the required tasks on site.

6 List of drawings

6.1 Drawings issued by the *Employer*

This is the list of drawings issued by the *Employer* at or before the Contract Date and which apply to this contract.

Drawing number	Revision	Title

