

CALIBRATION AND REPAIR OF OCCUPATIONAL HYGIENE MEASURING INSTRUMENTS FOR A PERIOD OF 5 YEARS ON AN AS AND WHEN REQUIRED BASIS FOR ESKOM LETHABO POWER STATION



NEC3 Term Service Contract (TSC3)

Between **ESKOM HOLDINGS SOC Ltd**
(Reg No. 2002/015527/30)

and
(Reg No. _____)

for **CALIBRATION AND REPAIR OF OCCUPATIONAL
HYGIENE MEASURING INSTRUMENTS FOR A
PERIOD OF 5 YEARS ON AN AS AND WHEN
REQUIRED BASIS FOR ESKOM LETHABO POWER
STATION**

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CONTRACT No.

CALIBRATION AND REPAIR OF OCCUPATIONAL HYGIENE MEASURING INSTRUMENTS FOR A PERIOD OF 5 YEARS ON AN AS AND WHEN REQUIRED BASIS FOR ESKOM LETHABO POWER STATION

PART C1: AGREEMENTS & CONTRACT DATA

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C1.1 Form of Offer & Acceptance

Offer

The Employer, identified in the Acceptance signature block, has solicited offers to enter into a contract for the procurement of:

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The tenderer, identified in the Offer signature block, has examined the documents listed in the Tender Data and addenda thereto and by submitting this Offer has accepted the Conditions of Tender.

By the representative of the tenderer, deemed to be duly authorised, signing this part of this Form of Offer and Acceptance the tenderer offers to perform all of the obligations and liabilities of the *Contractor* under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the *conditions of contract* identified in the Contract Data.

Options A	The offered total of the Prices exclusive of VAT is	
	Value Added Tax @ 15% is	
	The offered total of the amount due inclusive of VAT is ¹	

This Offer may be accepted by the Employer by signing the Acceptance part of this Form of Offer and Acceptance and returning one copy of this document including the Schedule of Deviations (if any) to the tenderer before the end of the period of validity stated in the Tender Data, or other period as agreed, whereupon the tenderer becomes the party named as the *Contractor* in the *conditions of contract* identified in the Contract Data.

Signature(s)

Name(s)

Capacity

**For the
tenderer:**

(Insert name and address of organisation)

Name &
signature of
witness

Date

Tenderer's CIDB registration number:

¹ This total is required by the *Employer* for budgeting purposes only. Actual amounts due will be assessed in terms of the *conditions of contract*.

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Acceptance

By signing this part of this Form of Offer and Acceptance, the Employer identified below accepts the tenderer's Offer. In consideration thereof, the Employer shall pay the Contractor the amount due in accordance with the *conditions of contract* identified in the Contract Data. Acceptance of the tenderer's Offer shall form an agreement between the Employer and the tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract, are contained in:

Part C1	Agreements and Contract Data, (which includes this Form of Offer and Acceptance)
Part C2	Pricing Data
Part C3	Scope of Work: Service Information

and drawings and documents (or parts thereof), which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Returnable Schedules as well as any changes to the terms of the Offer agreed by the tenderer and the Employer during this process of offer and acceptance, are contained in the Schedule of Deviations attached to and forming part of this Form of Offer and Acceptance. No amendments to or deviations from said documents are valid unless contained in this Schedule.

The tenderer shall within two weeks of receiving a completed copy of this agreement, including the Schedule of Deviations (if any), contact the Employer's agent (whose details are given in the Contract Data) to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the *conditions of contract* identified in the Contract Data at, or just after, the date this agreement comes into effect. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed and signed original copy of this document, including the Schedule of Deviations (if any).

Signature(s)

Name(s)

Capacity

**for the
Employer**

.....
(Insert name and address of organisation)

Name &
signature of
witness

Date

Note: If a tenderer wishes to submit alternative tenders, use another copy of this Form of Offer and Acceptance.

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Schedule of Deviations to be completed by the *Employer* prior to contract award

No.	Subject	Details
1		

By the duly authorised representatives signing this Schedule of Deviations below, the Employer and the tenderer agree to and accept this Schedule of Deviations as the only deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Tender Schedules, as well as any confirmation, clarification or changes to the terms of the Offer agreed by the tenderer and the Employer during this process of Offer and Acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the tenderer of a completed signed copy of this Form shall have any meaning or effect in the contract between the parties arising from this Agreement.

For the tenderer:

For the Employer

Signature _____

Name _____

Capacity _____

On behalf of _____
(Insert name and address of organisation)

Name & signature of witness _____

Date _____

Karabo Rakgolela
General Manager – Lethabo Power Station
Eskom Holdings SOC Ltd (Lethabo Power Station)
(Insert name and address of organisation)

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C1.2 TSC3 Contract Data

Part one - Data provided by the *Employer*

Clause	Statement	Data
1	General	
	The <i>conditions of contract</i> are the core clauses and the clauses for main Option:	
		A: Priced contract with price list
	dispute resolution Option	W1: Dispute resolution procedure
	and secondary Options	
		X1: Price adjustment for inflation
		X2 Changes in the law
		X13 Performance Guarantee (if the supplier is not financially sound)
		X17: Low service damages
		X19: Task Order
		Z: Additional conditions of contract
	of the NEC3 Term Service Contract April 2013 ¹ (TSC3)	
10.1	The <i>Employer</i> is (name):	Eskom Holdings SOC Ltd (reg no: 2002/015527/30), a state owned company incorporated in terms of the company laws of the Republic of South Africa
	Address	Registered office at Megawatt Park, Maxwell Drive, Sandton, Johannesburg
	Tel No.	
	Fax No.	
10.1	The <i>Service Manager</i> is (name):	
	Address	Lethabo Power Station Private Bag X 415 Vereeniging 1930
	Tel	
	Fax	N/A
	e-mail	

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¹ Available from Engineering Contract Strategies Tel 011 803 3008 Fax 086 539 1902 www.ecs.co.za

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11.2(2)	The Affected Property is	Lethabo Power Station
11.2(13)	The <i>service</i> is	CALIBRATION AND REPAIR OF OCCUPATIONAL HYGIENE MEASURING INSTRUMENTS FOR A PERIOD OF 5 YEARS ON AN AS AND WHEN REQUIRED BASIS FOR ESKOM LETHABO POWER STATION
11.2(14)	The following matters will be included in the Risk Register	- Non-compliance with Calibration Standards. - Poor Quality of Hearing Protection Device. - Late Deliver of Custom Mould Hearing Protection Health and Safety Incidents During On-site Service. - Any matter that deviates from the specification. - Road closure due to civil unrest - Access to site due to strike
11.2(15)	The Service Information is in	Part 3: Scope of Work and all documents and drawings to which it makes reference.
12.2	The <i>law of the contract</i> is the law of	the Republic of South Africa
13.1	The <i>language of this contract</i> is	English
13.3	The <i>period for reply</i> is	5 days
2	The Contractor's main responsibilities	Data required by this section of the core clauses is also provided by the Contractor in Part 2 and terms in italics used in this section are identified elsewhere in this Contract Data
21.1	The <i>Contractor</i> submits a first plan for acceptance within	2 weeks of the Contract Date
3	Time	
30.1	The <i>starting date</i> is.	TBA
30.1	The <i>service period</i> is	5 years from Contract Date
4	Testing and defects	All repairs shall be guaranteed for a period of 365 days and are limited to the actual repairs performed. Calibration shall be performed within the scope of the ISO/IEC 17025:2017 accreditation and calibration certificates issued.
42.1	Notifying and correction of defects	The Contractor corrects a Defect whether or not the Service Manager notifies him of it.
42.2	Defects correction period is	Defect Correction Period is 52 weeks after the respective Task Order Completion Date
42.3	Access to site to correct defects	The Service Manager arranges for the Employer to allow the Contractor access if it is needed for correcting a Defect
5	Payment	
50.1	The <i>assessment interval</i> is	After completion of each task order.

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51.1	The <i>currency of this contract</i> is the	South African Rand
51.2	The period within which payments are made is	Thirty (30) Calendar days after the signed assessment by both Parties and a valid Tax Invoice.
51.4	The <i>interest rate</i> is	the publicly quoted prime rate of interest (calculated on a 365 day year) charged by from time to time by the Standard Bank of South Africa Limited (as certified, in the event of any dispute, by any manager of such bank, whose appointment it shall not be necessary to prove) for amounts due in Rands and
6	Compensation events	Will be managed by Core Clause 6 of the NEC3 TSC
7	Use of Equipment Plant and Materials	Will be managed by Core Clause 6 of the NEC3 TSC
8	Risks and insurance	
80.1	These are additional <i>Employer's</i> risks	1. Late Deliveries
9	Termination	NEC3 Term Service Contract termination clause will be used.
10	Data for main Option clause	
A	Priced contract with price list	
20.5	The <i>Contractor</i> prepares forecasts of the final total of the Prices for the whole of the <i>service</i> at intervals no longer than	Monthly (30 days) or as stated on the Task Order.
11	Data for Option W1	
W1.1	The <i>Adjudicator</i>	the person selected from the ICE-SA Division (or its successor body) of the South African Institution of Civil Engineering Panel of Adjudicators by the Party intending to refer a dispute to him. (see www.ice-sa.org.za). If the Parties do not agree on an Adjudicator the

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		Adjudicator will be appointed by the ICE-SA Division		
	Address	[•]		
	Tel No.	[•]		
	Fax No.	[•]		
	e-mail	[•]		
W1.2(3)	The <i>Adjudicator nominating body</i> is:		the Chairman of ICE-SA a joint Division of the South African Institution of Civil Engineering and the Institution of Civil Engineers (London) (see www.ice-sa.org.za) or its successor body.	
W1.4(2)	The <i>tribunal</i> is:		Arbitration	
W1.4(5)	The <i>arbitration procedure</i> is		the latest edition of Rules for the Conduct of Arbitrations published by The Association of Arbitrators (Southern Africa) or its successor body.	
	The place where arbitration is to be held is		Johannesburg, South Africa	
	The person or organisation who will choose an arbitrator		the Chairman for the time being or his nominee of the Association of Arbitrators (Southern Africa) or its successor body.	
	- if the Parties cannot agree a choice or - if the arbitration procedure does not state who selects an arbitrator, is			
12	Data for secondary Option clauses			
X1	Price adjustment for inflation		The prices shall be fixed and firm for the first 12 months of the contract and thereafter Contract Price Adjustment (CPA) will apply as follows	
X1.1	The <i>base date</i> for indices is		One month prior to tender closing	
	The proportions used to calculate the Price Adjustment Factor are:	proportion	linked to index for	Index prepared by
		60%	Labour	C-3 SEIFSA
		15%	Transport	L-1 (A) SEIFSA
		10%	Material	D-4 SEIFSA
		15%	non-adjustable	
		100%		
X2	Changes in the law		Becomes a Compensation Event only if the changes in the Law of the Republic of South Africa took place after the Contract Date.	

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X17	Low service damages	Annexure A of this contract document on the last page – Capped at 5% of each Task Order
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X17.1	The <i>service level table</i> is in <table><tr><th>Service/Activity</th><th>Service Level Requirement</th><th>Measurement Period</th><th>Low Service Damages (% of service/order value)</th></tr><tr><td>Repair of Defective instruments</td><td>Repairs within 5 working days of notification</td><td>Per Defect</td><td>1% of the repairs cost per day late</td></tr><tr><td>Reporting & Certification (e.g., calibration certificates issued)</td><td>Certificates issued within 3 working days after service completion</td><td>Per Service Instrument</td><td>1% of the service value per day late</td></tr></table>	Service/Activity	Service Level Requirement	Measurement Period	Low Service Damages (% of service/order value)	Repair of Defective instruments	Repairs within 5 working days of notification	Per Defect	1% of the repairs cost per day late	Reporting & Certification (e.g., calibration certificates issued)	Certificates issued within 3 working days after service completion	Per Service Instrument	1% of the service value per day late
Service/Activity	Service Level Requirement	Measurement Period	Low Service Damages (% of service/order value)										
Repair of Defective instruments	Repairs within 5 working days of notification	Per Defect	1% of the repairs cost per day late										
Reporting & Certification (e.g., calibration certificates issued)	Certificates issued within 3 working days after service completion	Per Service Instrument	1% of the service value per day late										
X18	Limitation of liability												
X18.1	The <i>Contractor's</i> liability to the <i>Employer</i> for indirect or consequential loss is limited to R0.0 (zero Rand)												
X18.2	For any one event, the <i>Contractor's</i> liability to the <i>Employer</i> for loss of or damage to the <i>Employer's</i> property is limited to the amount of the deductibles relevant to the event												
X18.3	The <i>Contractor's</i> liability for Defects due to his design of an item of Equipment is limited to The greater of - the total of the Prices at the Contract Date and - the amounts excluded and unrecoverable from the <i>Employer's</i> insurance (other than the resulting physical damage to the <i>Employer's</i> property which is not excluded) plus the applicable deductibles												
X18.4	The <i>Contractor's</i> total liability to the <i>Employer</i>, for all matters arising under or in connection with this contract, other than the excluded matters, is limited to the total of the Prices other than for the additional excluded matters. The <i>Contractor's</i> total liability for the additional excluded matters is not limited. The additional excluded matters are amounts for which the <i>Contractor</i> is liable under this contract for - Defects due to manufacture and fabrication outside the Affected Property, - loss of or damage to property (other than the <i>Employer's</i> property, Plant and Materials), - death of or injury to a person and - infringement of an intellectual property												

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X18.5	The <i>end of liability date</i> is <i>Order</i>	right. 12 months after the end of each <i>service per task</i> <i>Period.</i>
X19	Task Order	
X19.3	Delay Damages	1% per day and capped at 5% of the Task Order
X19.5	The <i>Contractor</i> submits a Task Order programme to the <i>Service Manager</i> within	5 days of receiving the Task Order

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Z **The additional conditions of contract are**

Z1 to Z14 always apply.

Z1 Cession delegation and assignment

- Z1.1 The *Contractor* does not cede, delegate or assign any of its rights or obligations to any person without the written consent of the *Employer*.
- Z1.2 Notwithstanding the above, the *Employer* may on written notice to the *Contractor* cede and delegate its rights and obligations under this contract to any of its subsidiaries or any of its present divisions or operations which may be converted into separate legal entities as a result of the restructuring of the Electricity Supply Industry.

Z2 Joint ventures

- Z2.1 If the *Contractor* constitutes a joint venture, consortium or other unincorporated grouping of two or more persons or organisations then these persons or organisations are deemed to be jointly and severally liable to the *Employer* for the performance of this contract.
- Z2.2 Unless already notified to the *Employer*, the persons or organisations notify the *Service Manager* within two weeks of the Contract Date of the key person who has the authority to bind the *Contractor* on their behalf.
- Z2.3 The *Contractor* does not alter the composition of the joint venture, consortium or other unincorporated grouping of two or more persons without the consent of the *Employer* having been given to the *Contractor* in writing.

Z3 Change of Broad Based Black Economic Empowerment (B-BBEE) status

- Z3.1 Where a change in the *Contractor's* legal status, ownership or any other change to his business composition or business dealings results in a change to the *Contractor's* B-BBEE status, the *Contractor* notifies the *Employer* within seven days of the change.
- Z3.2 The *Contractor* is required to submit an updated verification certificate and necessary supporting documentation confirming the change in his B-BBEE status to the *Service Manager* within thirty days of the notification or as otherwise instructed by the *Service Manager*.
- Z3.3 Where, as a result, the *Contractor's* B-BBEE status has decreased since the Contract Date the *Employer* may either re-negotiate this contract or alternatively, terminate the *Contractor's* obligation to Provide the Service.
- Z3.4 Failure by the *Contractor* to notify the *Employer* of a change in its B-BBEE status may constitute a reason for termination. If the *Employer* terminates in terms of this clause, the procedures on termination are P1, P2 and P4 as stated in clause 92, and the amount due is A1 and A3 as stated in clause 93.

Z4 Confidentiality

- Z4.1 The *Contractor* does not disclose or make any information arising from or in connection with this contract available to Others. This undertaking does not, however, apply to information which at the time of disclosure or thereafter, without default on the part of the *Contractor*, enters the public domain or to information which was already in the possession of the *Contractor* at the time of disclosure (evidenced by written records in existence at that time). Should the *Contractor* disclose information to Others in terms of clause 25.1, the *Contractor* ensures that the provisions of this clause are complied with by the recipient.

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- Z4.2 If the *Contractor* is uncertain about whether any such information is confidential, it is to be regarded as such until notified otherwise by the *Service Manager*.
- Z4.3 In the event that the *Contractor* is, at any time, required by law to disclose any such information which is required to be kept confidential, the *Contractor*, to the extent permitted by law prior to disclosure, notifies the *Employer* so that an appropriate protection order and/or any other action can be taken if possible, prior to any disclosure. In the event that such protective order is not, or cannot, be obtained, then the *Contractor* may disclose that portion of the information which it is required to be disclosed by law and uses reasonable efforts to obtain assurances that confidential treatment will be afforded to the information so disclosed.
- Z4.4 The taking of images (whether photographs, video footage or otherwise) of the Affected Property or any portion thereof, in the course of Providing the Service and after the end of the *service period*, requires the prior written consent of the *Service Manager*. All rights in and to all such images vests exclusively in the *Employer*.
- Z4.5 The *Contractor* ensures that all his subcontractors abide by the undertakings in this clause.

Z5 Waiver and estoppel: Add to core clause 12.3:

- Z5.1 Any extension, concession, waiver or relaxation of any action stated in this contract by the Parties, the *Service Manager* or the *Adjudicator* does not constitute a waiver of rights, and does not give rise to an estoppel unless the Parties agree otherwise and confirm such agreement in writing.

Z6 Health, safety and the environment: Add to core clause 27.4

- Z6.1 The *Contractor* undertakes to take all reasonable precautions to maintain the health and safety of persons in and about the execution of the *service*. Without limitation the *Contractor*:
- accepts that the *Employer* may appoint him as the "Principal Contractor" (as defined and provided for under the Construction Regulations 2014 (promulgated under the Occupational Health & Safety Act 85 of 1993) ("the Construction Regulations") for the Affected Property;
 - warrants that the total of the Prices as at the Contract Date includes a sufficient amount for proper compliance with the Construction Regulations, all applicable health & safety laws and regulations and the health and safety rules, guidelines and procedures provided for in this contract and generally for the proper maintenance of health & safety in and about the execution of the *service*; and
 - undertakes, in and about the execution of the *service*, to comply with the Construction Regulations and with all applicable health & safety laws and regulations and rules, guidelines and procedures otherwise provided for under this contract and ensures that his Subcontractors, employees and others under the *Contractor's* direction and control, likewise observe and comply with the foregoing.
- Z6.2 The *Contractor*, in and about the execution of the *service*, complies with all applicable environmental laws and regulations and rules, guidelines and procedures otherwise provided for under this contract and ensures that his Subcontractors, employees and others under the *Contractor's* direction and control, likewise observe and comply with the foregoing.

Z7 Provision of a Tax Invoice and interest. Add to core clause 51

- Z7.1 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 in accordance with the *Employer's* procedures stated in the Service Information, showing the amount due for payment equal to that stated in the payment certificate.
- Z7.2 If the *Contractor* does not provide a tax invoice in the form and by the time required by this

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contract, the time by when the *Employer* is to make a payment is extended by a period equal in time to the delayed submission of the correct tax invoice. Interest due by the *Employer* in terms of core clause 51.2 is then calculated from the delayed date by when payment is to be made.

- Z7.3 The *Contractor* (if registered in South Africa in terms of the companies Act) is required to comply with the requirements of the Value Added Tax Act, no 89 of 1991 (as amended) and to include the *Employer's* VAT number 4740101508 on each invoice he submits for payment.

Z8 Notifying compensation events

- Z8.1 Delete the last paragraph of core clause 61.3 and replace with:

If the *Contractor* does not notify a compensation event within eight weeks of becoming aware of the event, he is not entitled to a change in the Prices.

Z9 Employer's limitation of liability

- Z9.1 The *Employer's* liability to the *Contractor* for the *Contractor's* indirect or consequential loss is limited to R0.00 (zero Rand)
- Z9.2 The *Contractor's* entitlement under the indemnity in 82.1 is provided for in 60.1(12) and the *Employer's* liability under the indemnity is limited to compensation as provided for in core clause 63 and X19.11 if Option X19 Task Order applies to this contract.

Z10 Termination: Add to core clause 91.1, at the second main bullet point, fourth sub-bullet point, after the words "against it":

- Z10.1 or had a business rescue order granted against it.

Z11 Ethics

For the purposes of this Z-clause, the following definitions apply:

Affected Party	means, as the context requires, any party, irrespective of whether it is the <i>Contractor</i> or a third party, such party's employees, agents, or Subcontractors or Subcontractor's employees, or any one or more of all of these parties' relatives or friends,
Coercive Action	means to harm or threaten to harm, directly or indirectly, an Affected Party or the property of an Affected Party, or to otherwise influence or attempt to influence an Affected Party to act unlawfully or illegally,
Collusive Action	means where two or more parties co-operate to achieve an unlawful or illegal purpose, including to influence an Affected Party to act unlawfully or illegally,
Committing Party	means, as the context requires, the <i>Contractor</i> , or any member thereof in the case of a joint venture, or its employees, agents, or Subcontractors or the Subcontractor's employees,
Corrupt Action	means the offering, giving, taking, or soliciting, directly or indirectly, of a good or service to unlawfully or illegally influence the actions of an Affected Party,
Fraudulent Action	means any unlawfully or illegally intentional act or omission that misleads, or attempts to mislead, an Affected Party, in order to obtain a financial or other benefit or to avoid an obligation or incurring an obligation,
Obstructive	means a Committing Party unlawfully or illegally destroying, falsifying, altering or

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Action concealing information or making false statements to materially impede an investigation into allegations of Prohibited Action, and

Prohibited Action means any one or more of a Coercive Action, Collusive Action Corrupt Action, Fraudulent Action or Obstructive Action.

Z11.1 A Committing Party may not take any Prohibited Action during the course of the procurement of this contract or in execution thereof.

Z11.2 The *Employer* may terminate the *Contractor's* obligation to Provide the Services if a Committing Party has taken such Prohibited Action and the *Contractor* did not take timely and appropriate action to prevent or remedy the situation, without limiting any other rights or remedies the *Employer* has. It is not required that the Committing Party had to have been found guilty, in court or in any other similar process, of such Prohibited Action before the *Employer* can terminate the *Contractor's* obligation to Provide the Services for this reason.

Z11.3 If the *Employer* terminates the *Contractor's* obligation to Provide the Services for this reason, the amounts due on termination are those intended in core clauses 92.1 and 92.2.

Z11.4 A Committing Party co-operates fully with any investigation pursuant to alleged Prohibited Action. Where the *Employer* does not have a contractual bond with the Committing Party, the *Contractor* ensures that the Committing Party co-operates fully with an investigation.

Z12 Insurance

Z 12 .1 Replace core clause 83 with the following:

Insurance cover 83

- 83.1 When requested by a Party, the other Party provides certificates from his insurer or broker stating that the insurances required by this contract are in force.
- 83.2 The *Contractor* provides the insurances stated in the Insurance Table A from the *starting date* until the earlier of Completion and the date of the termination certificate.

INSURANCE TABLE A

Insurance against	Minimum amount of cover or minimum limit of indemnity
Loss of or damage caused by the <i>Contractor</i> to the <i>Employer's</i> property	The replacement cost where not covered by the <i>Employer's</i> insurance. The <i>Employer's</i> policy deductible as at Contract Date, where covered by the <i>Employer's</i> insurance.
Loss of or damage to Plant and Materials	The replacement cost where not covered by the <i>Employer's</i> insurance. The <i>Employer's</i> policy deductible as at Contract Date, where covered by the <i>Employer's</i> insurance.
Loss of or damage to Equipment	The replacement cost where not covered by the <i>Employer's</i> insurance. The <i>Employer's</i> policy deductible as at Contract

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	Date, where covered by the <i>Employer's</i> insurance.
The <i>Contractor's</i> liability for loss of or damage to property (except the <i>Employer's</i> property, Plant and Materials and Equipment) and liability for bodily injury to or death of a person (not an employee of the <i>Contractor</i>) arising from or in connection with the <i>Contractor's</i> Providing the Service	<u>Loss of or damage to property</u> The replacement cost <u>Bodily injury to or death of a person</u> The amount required by the applicable law.
Liability for death of or bodily injury to employees of the <i>Contractor</i> arising out of and in the course of their employment in connection with this contract	The amount required by the applicable law

Z 12.2 Replace core clause 86 with the following:

**Insurance
by the
*Employer***

86

86.1 The *Employer* provides the insurances stated in the Insurance Table B

INSURANCE TABLE B

Insurance against or name of policy	Minimum amount of cover or minimum li of indemnity
Assets All Risk	Per the insurance policy document
Contract Works insurance	Per the insurance policy document
Environmental Liability	Per the insurance policy document
General and Public Liability	Per the insurance policy document
Transportation (Marine)	Per the insurance policy document
Motor Fleet and Mobile Plant	Per the insurance policy document
Terrorism	Per the insurance policy document
Cyber Liability	Per the insurance policy document
Nuclear Material Damage and Business Interruption	Per the insurance policy document
Nuclear Material Damage Terrorism	Per the insurance policy document

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Z13 Nuclear Liability

- Z13.1 The *Employer* is the operator of the Koeberg Nuclear Power Station (KNPS), a nuclear installation, as designated by the National Nuclear Regulator of the Republic of South Africa, and is the holder of a nuclear licence in respect of the KNPS.
- Z13.2 The *Employer* is solely responsible for and indemnifies the *Contractor* or any other person against any and all liabilities which the *Contractor* or any person may incur arising out of or resulting from nuclear damage, as defined in Act 47 of 1999, save to the extent that any liabilities are incurred due to the unlawful intent of the *Contractor* or any other person or the presence of the *Contractor* or that person or any property of the *Contractor* or such person at or in the KNPS or on the KNPS site, without the permission of the *Employer* or of a person acting on behalf of the *Employer*.
- Z13.3 Subject to clause Z13.4 below, the *Employer* waives all rights of recourse, arising from the aforesaid, save to the extent that any claims arise or liability is incurred due or attributable to the unlawful intent of the *Contractor* or any other person, or the presence of the *Contractor* or that person or any property of the *Contractor* or such person at or in the KNPS or on the KNPS site, without the permission of the *Employer* or of a person acting on behalf of the *Employer*.
- Z13.4 The *Employer* does not waive its rights provided for in section 30 (7) of Act 47 of 1999, or any replacement section dealing with the same subject matter.
- Z13.5 The protection afforded by the provisions hereof shall be in effect until the KNPS is decommissioned.

Z14 Asbestos

For the purposes of this Z-clause, the following definitions apply:

AAIA	means approved asbestos inspection authority.
ACM	means asbestos containing materials.
AL	means action level, i.e. a level of 50% of the OEL, i.e. 0.1 regulated asbestos fibres per ml of air measured over a 4 hour period. The value at which proactive actions is required in order to control asbestos exposure to prevent exceeding the OEL.
Ambient Air	means breathable air in area of work with specific reference to breathing zone, which is defined to be a virtual area within a radius of approximately 30cm from the nose inlet.
Compliance Monitoring	means compliance sampling used to assess whether or not the personal exposure of workers to regulated asbestos fibres is in compliance with the Standard's requirements for safe processing, handling, storing, disposal and phase-out of asbestos and asbestos containing material, equipment and articles.
OEL	means occupational exposure limit.
Parallel Measurements	means measurements performed in parallel, yet separately, to existing measurements to verify validity of results.
Safe Levels	means airborne asbestos exposure levels conforming to the Standard's requirements for safe processing, handling, storing, disposal and phase-out of asbestos and asbestos containing material, equipment and articles.
Standard	means the <i>Employer's</i> Asbestos Standard 32-303: Requirements for Safe Processing, Handling, Storing, Disposal and Phase-out of Asbestos and Asbestos Containing

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Material, Equipment and Articles.

SANAS means the South African National Accreditation System.

TWA means the average exposure, within a given workplace, to airborne asbestos fibres, normalised to the baseline of a 4 hour continuous period, also applicable to short term exposures, i.e. 10-minute TWA.

- Z14.1 The *Employer* ensures that the Ambient Air in the area where the *Contractor* will Provide the Services conforms to the acceptable prescribed South African standard for asbestos, as per the regulations published in GNR 155 of 10 February 2002, under the Occupational Health and Safety Act, 1993 (Act 85 of 1993) ("Asbestos Regulations"). The OEL for asbestos is 0.2 regulated asbestos fibres per millilitre of air as a 4-hour TWA, averaged over any continuous period of four hours, and the short term exposure limit of 0.6 regulated asbestos fibres per millilitre of air as a 10-minute TWA, averaged over any 10 minutes, measured in accordance with HSG248 and monitored according to HSG173 and OESSM.
- Z14.2 Upon written request by the *Contractor*, the *Employer* certifies that these conditions prevail. All measurements and reporting are effected by an independent, competent, and certified occupational hygiene inspection body, i.e. a SANAS accredited and Department of Employment and Labour approved AAIA. The *Contractor* may perform Parallel Measurements and related control measures at the *Contractor's* expense. For the purposes of compliance the results generated from Parallel Measurements are evaluated only against South African statutory limits as detailed in clause Z14.1. Control measures conform to the requirements stipulated in the AAIA-approved asbestos work plan.
- Z14.3 The *Employer* manages asbestos and ACM according to the Standard.
- Z14.4 In the event that any asbestos is identified while Providing the Services, a risk assessment is conducted and if so required, with reference to possible exposure to an airborne concentration of above the AL for asbestos, immediate control measures are implemented and relevant air monitoring conducted in order to declare the area safe.
- Z14.5 The *Contractor's* personnel are entitled to stop working and leave the contaminated area forthwith until such time that the area of concern is declared safe by either Compliance Monitoring or an AAIA approved control measure intervention, for example, per the emergency asbestos work plan, if applicable.
- Z14.6 The *Contractor* continues to Provide the Services, without additional control measures presented, on presentation of Safe Levels. The contractually agreed dates to Provide the Services, including the Completion Date, are adjusted accordingly. The contractually agreed dates are extended by the notification periods required by regulations 3 and 21 of the Asbestos Regulations, 2001.
- Z14.7 Any removal and disposal of asbestos, asbestos containing materials and waste, is done by a registered asbestos contractor, instructed by the *Employer* at the *Employer's* expense, and conducted in line with South African legislation.

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C1.2 Contract Data

Part two - Data provided by the *Contractor*

Notes to a tendering contractor:

Completion of the data in full, according to Options chosen, is essential to create a complete contract.

Clause	Statement	Data
10.1	The <i>Contractor</i> is (Name): Address Tel No. Fax No.	
11.2(8)	The <i>direct fee percentage</i> is The <i>subcontracted fee percentage</i> is	% %
11.2(14)	The following matters will be included in the Risk Register	
11.2(15)	The Service Information for the <i>Contractor's</i> plan is in:	
21.1	The plan identified in the Contract Data is contained in:	
24.1	The key people are: 1 Name: Job: Responsibilities: Qualifications: Experience: 2 Name: Job: Responsibilities: Qualifications: Experience:	

CV's (and further key person's data including CVs) are in the tender document.

A	Priced contract with price list
----------	--

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11.2(12)	The <i>price list</i> is in	C2.2
11.2(19)	The tendered total of the Prices is	R

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PART 2: PRICING DATA

TSC3 Option A

Document reference	Title	No of pages
C2.1	Pricing assumptions: Option A	2
C2.2	The <i>price list</i>	

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C2.1 Pricing assumptions: Option A

1. How work is priced and assessed for payment

Clause 11 in NEC3 Term Service Contract (TSC3) core clauses and Option A states:

Identified and defined terms	11	
	11.2	(12) The Price List is the <i>price list</i> unless later changed in accordance with this contract.
		(17) The Price for Services Provided to Date is the total of - the Price for each lump sum item in the Price List which the <i>Contractor</i> has completed and - where a quantity is stated for an item in the Price List, an amount calculated by multiplying the quantity which the <i>Contractor</i> has completed by the rate.
		(19) The Prices are the amounts stated in the Price column of the Price List. Where a quantity is stated for an item in the Price List, the Price is calculated by multiplying the quantity by the rate.

This confirms that Option A is a priced contract where the Prices are derived from a list of items of service which can be priced as lump sums or as expected quantities of service multiplied by a rate or a mix of both.

2. Function of the Price List

Clause 54.1 in Option A states: "Information in the Price List is not Service Information". This confirms that instructions to do work or how it is to be done are not included in the Price List but in the Service Information. This is further confirmed by Clause 20.1 which states, "The *Contractor* Provides the Service in accordance with the Service Information". Hence the *Contractor* does **not** Provide the Service in accordance with the Price List. The Price List is only a pricing document.

3. Link to the *Contractor's* plan

Clause 21.4 states "The *Contractor* provides information which shows how each item description on the Price List relates to the operations on each plan which he submits for acceptance". Hence when compiling the *price list*, the tendering contractor needs to develop his first clause 21.2 plan in such a way that operations shown on it can be priced in the *price list* and result in a satisfactory cash flow in terms of clause 11.2(17).

4. Preparing the *price list*

Before preparing the *price list*, both the *Employer* and tendering contractors should read the TSC3 Guidance Notes pages 14 and 15. In an Option A contract, either Party may have entered items into the *price list* either as a process of offer and acceptance (tendering) or by negotiation depending on the nature of the service to be provided. Alternatively the *Employer*, in his Instructions to Tenderers or in a Tender Schedule, may have listed some items that he requires the *Contractor* to include in the *price list* to be prepared and priced by him.

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It is assumed that in preparing or finalising the *price list* the *Contractor*:

- Has taken account of the guidance given in the TSC3 Guidance Notes relevant to Option A;
- Understands the function of the Price List and how work is priced and paid for;
- Is aware of the need to link operations shown in his plan to items shown in the Price List;
- Has listed and priced items in the *price list* which are inclusive of everything necessary and incidental to Providing the Service in accordance with the Service Information, as it was at the time of tender, as well as correct any Defects not caused by an *Employer's* risk;
- Has priced work he decides not to show as a separate item within the Prices or rates of other listed items in order to fulfil the obligation to complete the *service* for the tendered total of the Prices.
- Understands there is no adjustment to items priced as lump sums if the amount, or quantity, of work within that item later turns out to be different to that which the *Contractor* estimated at time of tender. The only basis for a change to the (lump sum) Prices is as a result of a compensation event.

4.1. Format of the *price list*

(From the example given in an Appendix within the TSC3 Guidance Notes)

Entries in the first four columns in the *price list* in section C2.2 are made either by the *Employer* or the tendering contractor.

If the *Contractor* is to be paid an amount for the item which is not adjusted if the quantity of work in the item changes, the tendering contractor enters the amount in the Price column only, the Unit, Expected Quantity and Rate columns being left blank.

If the *Contractor* is to be paid an amount for an item of work which is the rate for the work multiplied by the quantity completed, the tendering contractor enters the rate which is then multiplied by the Expected Quantity to produce the Price, which is also entered.

If the *Contractor* is to be paid a Price for an item proportional to the length of time for which a service is provided, a unit of time is stated in the Unit column and the expected length of time (as a quantity of the stated units of time) is stated in the Expected Quantity column.

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C2.2 the *price list*

S-REQ No:	Text	Unit	QTY	Rate	Amount
3000057775	GILIAN AIR SAMPLING PUMPS	EA	50		
3000057785	SENSIDYNE GILIBRATOR 2 BUBBLE FLOW (complete set)	EA	5		
3000059264	GOLDILUX METER	EA	5		
3000057784	WBGT METER	EA	3		
3000057771	AIR VELOCITY METER (HOT WIRE)	EA	4		
3000057770	INDOOR AIR QUALITY METER	EA	4		
3000057783	SOUND LEVEL METER CALIBRATOR	EA	4		
3000057769	NOISE BADGE CALIBRATOR (CEL)	EA	5		
3000057782	CASELLA NOISE DOSIMETERS (TYPE 2)	EA	12		
3000057774	SOUND LEVEL METER (TYPE 1)	EA	3		
3000057781	WHOLE BODY AND HAND-ARM VIBRATION METER	EA	3		
3000059265	WHOLE BODY VIBRATION METER	EA	3		
3000057780	WHOLE BODY VIBRATION METER CALIBRATOR	EA	2		
3000057764	HAND-ARM VIBRATION CALIBRATOR	EA	2		

The total of the Prices

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PART 3: SCOPE OF WORK

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C3.1	<i>Employer's Service Information</i>	
C3.2	<i>Contractor's Service Information</i>	
	Total number of pages	

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1 Description of the service

1.1 Executive overview

Lethabo Power Station is type B SANAS accredited Occupational Hygiene inspection body and certified with DoEL as an approved inspection authority (AIA), as such it must comply with ISO 17020:2012 system requirements. The system requires accredited inspection bodies to identify general requirements for the competence to provide reliable calibration and repair of all occupational hygiene instruments used for testing, verification and inspection within Eskom premises/plant areas, this will assist the business unit in putting in place appropriate measures to ensure compliance and achieve ZERO HARM. The contract will be for five (5) year period.

The intention is to establish a contract with OEM for the calibration and repair of occupational hygiene measuring instruments for a period of 5 years on an as and when required basis. These instruments shall be calibrated and repaired according to the manufacturer's specifications or applicable standards/methods. Taking into consideration the type of instruments, specific regulations and standards, it would be best to contract this to the OEM who will take full responsibility of the calibrations and repairs as well as the legal compliance to applicable standards.

S-REQ No:	Text	Unit
3000057775	GILIAN AIR SAMPLING PUMPS	EA
3000057785	SENSIDYNE GILIBRATOR 2 BUBBLE FLOW (complete set)	EA
3000059264	GOLDILUX METER	EA
3000057784	WBGT METER	EA
3000057771	AIR VELOCITY METER (HOT WIRE)	EA
3000057770	INDOOR AIR QUALITY METER	EA
3000057783	SOUND LEVEL METER CALIBRATOR	EA
3000057769	NOISE BADGE CALIBRATOR (CEL)	EA
3000057782	CASELLA NOISE DOSIMETERS (TYPE 2)	EA
3000057774	SOUND LEVEL METER (TYPE 1)	EA
3000057781	WHOLE BODY AND HAND-ARM VIBRATION METER	EA
3000059265	WHOLE BODY VIBRATION METER	EA
3000057780	WHOLE BODY VIBRATION METER CALIBRATOR	EA
3000057764	HAND-ARM VIBRATION CALIBRATOR	EA

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The contract shall provide the instrument calibration and repair services required to Eskom Lethabo Power Station. Instruments to be calibrated will be collected by the contractor from Eskom Lethabo PS for calibrations and repairs as and when required. Calibrations and repairs will be carried out at the SANAS accredited laboratory. Should there be defects identified on the instrument during calibration, the contractor shall notify the client in writing/telephonically before repairing defective instruments. Calibration certificates shall be communicated to the client after calibration.

The services to be provided by the contractor consist of the components as indicated below:

The scope covers the following:

- Calibration and repairs of occupational hygiene instruments as and when required.
- Instruments to be calibrated or repaired will be collected from Eskom Lethabo PS
- Calibrated and repaired instruments will be delivered to Eskom Lethabo PS.
- Calibration certificates and repair reports will be communicated via email or delivered to Eskom Lethabo PS together with the instruments.

1.3 Interpretation and terminology

The following abbreviations are used in this Service Information:

Abbreviation	Meaning given to the abbreviation
AIA	Approved Inspection Authority
DoEL	Department of Employment and Labour
ISO	International Organization of Standardization
OEM	Open End Market
SANAS	South African National Accreditation System

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2 Management strategy and start up.

2.1 The Contractor's plan for the service

- To be discussed before each task can be carried out between the Contract and the Employer
- Programme to be supplied on request on a signed hard copy as well as a soft copy, see Scope of Work
- The Contractor can start work after the Purchase Order has been issued, unless given instruction by the Service Manager

2.2 Management meetings

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

Title and purpose	Approximate time & interval	Location	Attendance by:
Kick-Off Meeting	After Contract Award	<i>Employer's Site</i>	<i>Service Manager and Contractor</i>
Risk Register and compensation events	Weekly on _____ at _____	TBA	<i>Service Manager and Contractor</i>
Overall contract progress and feedback	Quarterly on _____ at _____	TBA	<i>Employer, Contractor _</i>
Assessments meetings	As and when required	TBC	<i>Service Manager and Contractor</i>
Performance Overall Meeting	Every 6 months	<i>Employer's Site</i>	<i>Service Manager and Contractor</i>

Meetings of a specialist nature may be convened as specified elsewhere in this Service Information or if not so specified by persons and at times and locations to suit the Parties, the nature and the progress of the *service*. Records of these meetings shall be submitted to the *Service Manager* by the person convening the meeting within five days of 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 register shall not be used for the purpose of confirming actions or instructions under the contract as these shall be done separately by the person identified in the *conditions of contract* to carry out such actions or instructions.

2.3 Contractor's management, supervision and key people

The Contractor to provide a key list of personnel who will carry out the work on site with their qualifications attached. A company organogram will be needed by the Service Manager to communicate accordingly to comply with the NEC3 Term Service Contract communication structures.

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

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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

- Each instruction, certificate, submission, proposal, record, acceptance, notification, reply and other communication which this contract required is communicated in a form which can be read, copied, and recorded.
- Writing is in the Language of this contract.
- Assessment supporting documentation to be handed on to the Employer/Service Manager.
- All communications must be printed and filed in the Service Managers file.

2.6 Invoicing and payment

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 *Service Manager's* payment certificate.

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

- Name and address of the *Contractor* and the *Service Manager*;
- The contract number and title;
- *Contractor's* VAT registration number;
- The *Employer's* VAT registration number 4740101508;
- Description of service provided for each item invoiced based on the Price List;
- Total amount invoiced excluding VAT, the VAT and the invoiced amount including VAT;
- CPA calculation sheet
- CPA calculation sheet and the Invoice for CPA (with the GL Account number and the Cost Center on the Invoice) to be sent to the financial department as per the Employer's Invoicing procedure/instruction
- Invoices and a Copy of the Assessment with a Service Entry number to be send to the financial department as per the Employer's Invoicing procedure / instruction

2.7 Contract change management

Any changes to the contract or any change of the Contractor's company ownership should be communicated through to the Service Manager. Failing to do this may lead to contract termination with legal consequences.

The correct processes and procedures will be communicated through to the Contractor by the Procurement officer. If the Employer's Service Manager changes, the Contractor will be notified as soon as possible.

2.8 Insurance provided by the Employer

- Refer to contract data, Clause Z12

2.9 Training workshops and technology transfer

All contractor personnel to do Induction Training before entering Employer's site and commencing with work.

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2.10 Design and supply of Equipment

N/A

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

2.11.1 Equipment

- N/A

2.11.2 Information and other things

- All Reports / Documents to be compiled, filed, discussed, and handed over to the *Employer* (will be announced by *Employer*) and at the end of the service
- On Completion of contract the *Contractors* safety file will be hand over to the *Service Manager* and will be saved for 40 Years after completion / termination of the contract
- Contractor is responsible to ensure that his Letter of Good standing is always valid as stipulated in the construction regulations point 7 (C) (iv) and the specifications 2.5.2 (iv) and 3.10 *Contractor* will not be allowed on site if his letter of good standing is not valid
- As per clause 70.2 to provides other things as stated in the Service Information
- The Contractors Health and safety file is to be submitted for approval to the Employer's Safety Officer before contract commencement and must be kept up to date at all times.

2.12 Management of work done by Task Order

- A task order is the instruction to commence work.
- No work shall commence until Task Order is issued and has been finalised, accepted and signed by both the Employer and Contractor.
- All work will be issued via SAP Maintenance or as per Task /Purchase Order system. The Work Order, Purchase Requisition and Purchase Order will be created via the SAP PM system.
- Task orders, Assessments with all supporting documentation and Completion Certificates will be used for work required.

3 Health and safety, the environment and quality assurance

3.1 Health and safety risk management

The *Contractor* shall comply with the health and safety requirements contained in Annexure SHE Specification 14RISK SRM – 084 to this Service Information.

- All The *Employer's* health and safety procedures and regulations to be adhered to by the *Contractor*
- 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

SHEQ Policy

Employer's SHEQ Policy

The *Employer* has made a commitment to conduct business with respect and care for people, the environment and assets and that no operating condition or urgency of service justifies exposing anyone to negative risks arising from the *Employer's* business.

Compliance with the SHEQ Policy and applicable regulations is the responsibility of every employee and *Contractor*.

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Contractor SHEQ Policy

All *Contractors* shall have an OHS policy signed by the CEO of the *Contractor* and prominently displayed where employees normally report for duty.

Signed copy of the OHS policy shall form part of the SHEQ file.

SHE PLAN REQUIREMENTS:-

- Principal *Contractors* shall develop a suitable and sufficiently documented site specific SHE plans, based on the scope of work and client SHEQ specification.
- The SHE plan must be pre-approved by the client for implementation. The principal *Contractor/Contractor* has a responsibility to send the SHE plan to the client for approval prior to commencement of work.
- The SHE plan must be applied from the commencement of and for the duration the construction work, which must be updated /reviewed as the work progresses/changes.

When a principal *Contractor* intends appointing *Contractor*, the principal *Contractor* shall ensure that the *Contractor* provides and demonstrate a suitable, sufficiently documented and coherent site specific health and safety plan, based on the client's SHEQ specifications and scope of work.

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3.1.1 Health and Safety Arrangements

The Contractor ensures that all his personnel attend a Health and Safety Induction Course prior to contract starting date, and annual re- induction. The Induction Course is presented by the Employer's Safety Risk Department at Lethabo Power Station. Arrangements are made with Safety Risk Management, by the Contractor.

The Employer's Safety Risk Manager visits and inspects the Contractor's workplace or site yard and the working areas to ensure that tools; machinery and Equipment comply with the minimum safety requirements

The *Service Manager* may instruct the *Contractor* to stop work, where the *Contractor's* personnel fail to conform to safety standards or contravene health and safety regulations. Such stop-work order is not a compensation event. The *Service Manager* may instruct the *Contractor* to discipline his employees and to submit a disciplinary action report to the *Service Manager*. The *Contractor* implements additional health and safety precautions where necessary.

Health and safety

The Contractor complies with the Occupational Health and Safety Act 85 of 1993, as well as the Employer's procedure as stipulated below:

- SHEQ Policy 32-727
- The *Employer's* Procurement and Supply Chain Management Procedure 32-1034
- SHE Requirements for the *Employer's* Commercial Process 32-726
- *Contractor* Health and Safety Requirements 32-136
- Integrated SHE Organization; Roles and Responsibilities and Statutory Appointments 32- 296
- Live-saving Rules 240-62196227
- Working at Heights 32-418
- The *Employer's* Vehicle Safety Specifications 32-345
- Lethabo *Contractor* SHEQ Specifications 14RISK SRM – 084

The *Contractor* acknowledges that it is fully aware of the requirements of all the above and undertakes to employ only people who have been duly authorised in terms thereof and who have received sufficient safety training to ensure that they can comply therewith.

The *Contractor* undertakes not to do, or not to allow anything to be done which will contravene any of the provisions of the Act, Regulations or Safety and Operating Procedures.

Do safety audits at the *Contractor's* premises, its work-places and on its employees;

Refuse any employee, sub-*Contractor* or agent of the *Contractor* access to its premises if such person has been found to commit any unlawful act or any unsafe working practice or is found to be not authorised or qualifies in terms of the OHS ACT;

Issue the Contractor with a work stop order or a compliance order should the Employer's become aware of any unsafe working procedures or conditions or any non-compliance with the Act, Regulations and Procedures by the Contractor or any of its employees, sub-Contractors or agents.

The Contractors Health and safety file is to be submitted for approval to the Employer's Safety Officer before contract commencement.

All work stoppages called by the Employer to be adhered to

Contractor is Responsible to ensure that his Letter of Good standing is valid at all times as stipulated in the construction regulations point 7 (C) (iv) and she specifications 2.5.2 (iv) and 3.10..Contractor will not be allowed on site if his letter of good standing is not valid

CALIBRATION AND REPAIR OF OCCUPATIONAL HYGIENE MEASURING INSTRUMENTS FOR A PERIOD OF 5 YEARS ON AN AS AND WHEN REQUIRED BASIS FOR ESKOM**3.1.2 First aid and fire fighting**

Adequate first aid and firefighting equipment to be provided by the Employer.

All Contractor personnel must have First aid and firefighting training Fire extinguishers to be provided by the Contractor.

3.1.3 Fire Precautions

Any tampering with the *Employer's* fire equipment is strictly forbidden.

All exit doors, fire escape routes, walkways, stairways, stair landings and access to electrical distribution boards is kept free of obstruction and are not used for work or storage at any time. Fire-fighting equipment must remain accessible at all times.

The *Contractor* takes the necessary action to safe guard the area to prevent injury and the spreading of the fire.

3.1.4 Security, fire protection and safety

The *Contractor* shall be responsible for ensuring the security of the works, and of his plant, equipment and materials. To that end he shall make adequate provision for access control, lighting and watchman to the works where required.

3.1.5 Fire protection

The provision of *Employer's* standard NWS 1494 "Fire Prevention and Protection of *Contractor's* premises at New Works sites" shall be applicable.

3.1.6 Safety and incident prevention

The *Contractor* shall implement and maintain an active Site Safety and Accident Prevention Programme in accordance with the Lethabo SHEQ Specifications. The overriding regulations will however be the Occupational Health and Safety Act.

- Incident Management, Corrective & Prevention Action Procedure to be adhered to – 14Risk IM PC -019

3.1.7 Reporting of accidents

The *Employer* follows an accident prevention policy that includes the investigation of all accidents involving personnel and property. This is done with the intention of introducing control measures to prevent a recurrence of the same incidents. The *Contractor* is expected to fully co-operate to achieve this objective. The *Service Manager* must be informed immediately of any incidents. A written report to be submitted to the *Employer within 24 Hours* of incidents and any damage to property or equipment.

NOTE! This report does not relieve the *Contractor* of his legal obligations to report certain incidents to the Department of Labour, or to keep records in terms of the Occupational Health and Safety Act, and Compensation for Occupational Injuries and Diseases Act.

3.1.8 Occupational Health and Safety Act 85 of 1993 – SECTION 37

In accordance with Section 37 (2) of the Act, the *Contractor* is appointed by the *Employer* as mandatory to assume Health and Safety duties and responsibilities. The *Contractor* ensures compliance with all requirements of the Act and any instruction or notification that enhances those requirements.

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The *Contractor* acknowledges that he is fully aware of all the requirements of the Occupational Health and Safety Act and undertakes to employ only staff who have been duly authorised in terms thereof and who receive sufficient safety training to ensure that they can comply therewith.

The *Contractor* undertakes not to do, and not to allow anything to be done which will contravene any of the provisions of the Act, Regulations or Safety and Operating Procedures.

3.1.9 The *Contractor* appoints a person who liaises with the *Employer's* Safety Officer, responsible for the premises relevant to the Contract. The person appointed shall on request:

- Supply the *Employer's* Safety Officer with copies of minutes of all Health and Safety Committee meetings, whenever required.
- Supply the *Employer's* Safety Officer with copies of all appointments in respect of employees employed on this contract, in terms of the Act and Regulations and shall notify the *Employer's* Safety Officer of any changes thereto.

The *Employer* may, at any stage during the duration of this contract:

- perform safety audits at the *Contractor's* premises, its workplace and its employees;
- refuse any employee, *SubContractor* or agent of the *Contractor* access to its premises if such person is found to commit any unsafe act or any unsafe working practice or is found not to be duly authorised nor qualified in terms of the Act;
- Issue the *Contractor* with an instruction to stop work should the *Employer* become aware of any unsafe working procedure or condition or any non - compliance with the Act, Regulations and Procedures referred to in the Occupational Health and Safety Act - 85 of 1993 and all Regulations made hereunder as well as all the *Employer's* Safety and Operating Procedures. Any such instruction is not a compensation event. Furthermore, no amendments to the act or the Regulations or reasonable amendment to the *Employer's* Safety and Operating Procedures will entitle the *Contractor* to claim any additional costs or time incurred in complying therewith, from the *Employer*

3.1.10 Safety Regulations of the Employer

- The Contractor conforms to the Employer's Plant Safety Regulations
- The Employer makes available to the Contractor, on request, a copy of the latest revision of the Plant Safety Regulations.

3.2 Environmental constraints and management

The Contractor shall comply with the environmental criteria and constraints stated in the following:-

All waste from the project must be disposed in a sound environmental manner in accordance with Lethabo Power Station Waste Management Procedure 14 Risk ENV-013. Oil spillages must be contained and cleaned as per Oil Spill Management procedure 15 ENPRENV-001. The project must conform to *Employer's* Environmental Legal and other Requirements procedure 14 Risk ENV-012 and the project must conform to Lethabo Power Station ISO14001 Standard with reference to Lethabo Power Station's Environmental Management System Manual 14 Risk ENV-010. All environmental incidents must be dealt with as per the Station's Incident Management, Corrective and Preventative Procedure 14 Risk PC-001 and all environmental incidents must be reported to the Environmental Department on site with Telephone Number 017-7495536 / 9231.

3.3 Quality assurance requirements

The Contractor shall be required to demonstrate by means of a Quality Plan that this organization is so structured that all the requirements of the specification will be properly monitored and controlled. The Quality Plan and Control procedures are to

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be carried out in accordance with QM 58. The Quality Control document is to be submitted for approval to Lethabo within three (3) days after order placement by the Contractor.

No work may commence unless the Quality Control document has been approved in writing and a copy submitted to the Service Manager. The Contractor, in conjunction with Lethabo Engineering must sign off all Quality Control documents after completing all work on site. The Contractor to submit a copy of the final signed off document to the Service Manager within 1 week after Completion of each activity or task

- QCP and contract quality plan standards as per QM 58 to be adhered to
- The Contractor must provide Quality Control Plan documents for approval by the Employer's Service Manager performing any activity.

Reference	Description of returnable	Returnables	To be returned with tender
Safety	COIDA - Original certificate of good standing or proof of application issued by the Compensation Fund (COID) or a licensed compensation insurer (South African tenderers only)		✓
Safety	SHE Plan as per scope of work		✓
Safety	Safety costing		✓
Safety	OHS Policy signed by CEO		✓
Safety	OHS competency		✓
	Risk Assessment as per scope of work		✓
Quality	Category 3: Quality Requirements (See Attached document)		✓

Tenders that do not meet Eskom's Contractual requirements will not be evaluated further.

RISK	MITIGATING FACTORS	LEVEL (HIGH/MEDIUM/LOW)
Delays: Failure to complete the works as per agreed program.	Delay damages to be imposed on the delayed key date as per the contract data and in line with the approved schedule at 2% per day up to a maximum of 15% per task order. This also applies all defects notifications that will be issued during execution.	Medium
Safety: Non-compliance to all legal requirements.	1.Driver training & competence 2.Strict adherence to the rules and Eskom vehicle specifications 3.Strict adherence to Eskom offloading processes 4.Adherence to vehicle maintenance plans and daily inspections	High
Quality:	Policies and procedures:	

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Non-adherence to documented procedures and quality requirements governing the calibration and repair of occupational hygiene measuring instruments may lead to recurring performance issues and result in substandard workmanship	The supplier is required to comply with all applicable technical specifications and SHERQ processes to ensure accuracy, reliability, and compliance with occupational hygiene standards	Medium
Failure to demonstrate and maintain technical competence during the calibration and repair of occupational hygiene measuring instruments may result in inaccurate measurements, compromising the reliability of exposure assessments and potentially increasing the risk of health hazards to employees	Ensure that calibration and repair activities are performed by qualified and competent personnel	Medium
Inadequate risk management during calibration and repair processes may result in instrument inaccuracies, unreliable exposure data	Implement a formal risk assessment and control plan covering all calibration and repair activities	Medium
Failure to manage Non-Conforming Outputs	Eskom shall be informed of non-conforming products and services as soon as such non-conformances are recognized by the supplier. The supplier shall implement the respective processes which must adequately reflect Eskom involvement.	Medium
Failure to manage documentation and traceability in relation to the calibration and repair of occupational hygiene measuring instruments may	Ensure all calibration and repair records are securely maintained, easily retrievable, and properly linked to each instrument. Use unique identification numbers, calibration certificates, and digital record management systems to maintain traceability	Medium

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result in loss of calibration records			
Failure to demonstrate performance History and Reference	A proven track record of supplying high-quality hearing protection products and consumables to similar clients, along with positive references, is essential.	Medium	
Failure to include necessary returnable or adhere to the tender requirements may result in delays from the bidding process.	The following Quality requirements shall be noted and adhered to. • 240-68099512 Form A: The tenderer must complete and sign this form to acknowledge and accept Eskom Supplier Quality Requirements as per QM 58 Specification and ISO 9001 Standard • Category 3 - Quality Assessment Criteria QM 58_240-105658000 – Supplier Quality Management Specifications	Medium	
Environment: Incorrect waste disposal	• Contractor to develop an aspects and impacts register that is in line with the requirements of ISO14001:2015, • Provide an Environmental Management plan for their activities, mitigating significant aspects, and activities at the site area. • Contractor to be familiarized with Lethabo waste management procedure. • Contractor shall report all incidents or risks whilst on the job to the Eskom Project leader who will inform the environmental department.	Medium	

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4 Procurement

There is a cross reference from the core clause 11.2(6) definition of Disallowed Cost to the Service Information regarding procurement procedures. This part of the Service Information MUST include any such procedures to be able to administer Disallowed Cost.

4.1 People

4.1.1 Minimum requirements of people employed

Specify any constraints relating to people employed to Provide the Service; for example permits for foreigners, training (other than H & S), use of labour from designated areas and industrial relations.

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.

4.2 Subcontracting

4.2.1 Preferred subcontractors

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- Sub-contractors will only be allowed with a written permission from the Service Manager.

4.2.2 Subcontract documentation, and assessment of subcontract tenders

N/A

4.2.3 Limitations on subcontracting

As per the SDL&I requirements.

4.2.4 Attendance on subcontractors**4.3 Plant and Materials****4.3.1 Specifications**

- Risk Assessment to be completed
- Where applicable: - All plant spares and materials to be inspected (Quality Checked) before installing at plant.
- Hold and witness points and all intervention points as per approved QCP as per activity must be attended
- Contractor must be "trained and authorised" with the necessary PPE, equipment, tools, skilled to handle any equipment, spares, tools and materials related to the scope of work
- All repairs to be inspected *Employer* delegated person

4.3.2 Correction of defects

- In case of rework caused due to the Contractor's negligence, all costs will be on the Contractor's account.
- As per clause 42 in the NEC3 TSC
- All defected spares to be replaced with the permission of the Service Manager/supervisor.

4.3.3 Contractor's procurement of Plant and Materials

- Purchasing of materials will go through the Employer's procurement process

4.3.4 Tests and inspections before delivery

N/A

4.3.5 Plant & Materials provided "free issue" by the *Employer*

- N/A

4.3.6 Cataloguing requirements by the *Contractor*

- N/A

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5 Working on the Affected Property

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

- Lifesaving rules and all the *Employer's* procedures to be adhered at all times
- Access is limited and controlled by Plant Safety Regulations requirements.
- No employee will be allowed to access the plant or to work without access permit issued.
- All personnel to have an Identification card at all times
- Unauthorized access to site is prohibited.
- All activities to comply with the OSHACT and Regulations.
- All activities on plant must be preceded by a plant risk assessment – Risk assessment as per the *Employer's* standard, to be current at all times (Live Document)
- The *Contractor* ensures that all his personnel attend a Health and Safety Induction Course

5.2 People restrictions, hours of work, conduct and records

- Working hours is the *Employer's* working hours
Monday to Thursday 07:00-16:15
Friday 07:00-12:00

5.3 Health and safety facilities on the Affected Property

- Medical Station and relevant staff on Site.
- Facilities as designated by the *Employer*
- Toilets

First aid Centre

- The *Contractor* provides a first aid service to its employees and *SubContractors*
- In an emergency the contract supervisor and *Service Manager* must be notified immediately

5.4 Environmental controls, fauna & flora

- Proper care of the natural environment is important to prevent nuisance and environmental degradation.
- All *Contractors* shall comply with the *Employer's* environmental management procedures and Environmental legislation
- Environmental incidents shall be reported to the *Employer's* Environmental Department as per incident management requirements.
- 14RISK ENV-0557 Oil spill clean-up and Rehabilitation
- 14RISK ENV-013 Waste Management

Waste Management

Waste segregation is important to facilitate recycling of waste. Ensure waste is disposed of in the correct colour bin.

- Eskom periodically collects waste from the bins for disposal in the correct manner.

No waste should be burned or buried on site.

Where Eskom and the *Contractor* have agreed that the *Contractor* is responsible for the disposal of its waste, the *Contractor* shall safely dispose of such waste and keep disposal certificates on file.

Types and colours of bins used on site:

- Yellow bin for domestic waste

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- Orange bin for hazardous waste
- Maroon bin for scrap
- Green box for cartridges
- Blue box for recyclable paper

Hazardous Substances

It is required in terms of the General Administrative Regulation (Regulation 7) of the Act that any manufacturer, importer, seller or supplier of hazardous chemical substances shall supply the receiver, free of charge with sufficient information for the user, to enable the user to introduce the necessary measures as regards the protection of the health and safety of persons. It is therefore the responsibility of the supplier (dealing directly with the *Employer*) to supply the information. If information is not available for whatever reason, the supplier must indicate and give reasons to the *Employer*.

Radiation protection

The *Contractor* conforms to the *Employer's* procedure OMOP 2049 and OMOP 2051 when performing any industrial radiography.

Handling of waste produced by the Contractor

All waste introduced to and/or produced on the Employer's premises, by the Contractor, for this contract, must be handled in accordance with the minimum requirements for the Handling and Disposal of Hazardous waste in terms of Government Legislation as proclaimed by the Department of Water Affairs and Forestry Act 1994 Ref.:- BN0621-16296 - 5.

The *Contractor* is responsible to appoint a waste coordinator to ensure that all waste produced is handled according to the applicable legislation.

The Contractor is required to ensure that all goods, *services* or work supplied in terms of the contract conform to all applicable environmental legislation. Where work is done on the *Employer's* site, the goods, *services* or work supplied also conform to the *Employer's* environmental specifications.

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5.5 Cooperating with and obtaining acceptance of Others

- N/A

5.6 Records of *Contractor's* Equipment

Contractor's equipment (cell phones with cameras, computers, cameras, etc.) to be declared and signed in at security.

All test equipment must be calibrated and tested regularly, and certificates must be handed in to the *Service Manager* for record keeping.

5.7 Equipment provided by the *Employer*

- Employer to ensure access to site for deliveries during normal hours.
- Forklift/ overhead crane with driver will be supplied by the *Employer* for onloading and offloading at Employer's site
- For the purposes of expediting the work, the Employer may make facilities and services available to the Contractor as provided at no cost to the Contractor. The Contractor will not receive any reimbursement or make any chance to the beneficial use of the facilities or services.
- All other equipment required not specified in this contract under Eskom Supervision.

5.8 Site services and facilities

5.8.1 Provided by the *Employer*

- N/A

5.8.2 Provided by the *Contractor*

- N/A

5.9 Control of noise, dust, water and waste

- N/A

5.10 Hook ups to existing works (N/A)

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- The Employer reserves the right to have any of the Contractor's personnel removed off site without cancelling the contract if, in the Employer's opinion, it is warranted.
- The Employer reserves the right to request disciplinary / corrective action if, and when, required.
- The main *Contractor* is accountable for the management of their sub-*Contractors* and suppliers and to ensure that the applicable legal and the *Employer's* requirements (applicable during contract execution) are complied with by the sub-*Contractors* and suppliers (all tiers). If there are non-conformances / non-compliance to applicable legal and the *Employer's* requirements identified, then the Main Service Provider / Provider / Principal *Contractor* will be penalised.
- The Contractor shall operate under the direction and instructions of the *Employer's* Manager, or such person/people as may be appointed by him if not in conflict with the Occupational Health and Safety Act and the Generation Plant and Safety Regulations.
- The Contractor shall maintain a high standard of workmanship expected by the Employer and shall comply with any quality assurance and quality procedures implemented by the Employer.
- The Employer reserves the right to have any of the Contractor's personnel removed off site without any compensation to the Contractor in the event of the Contractor's personnel being in contravention with the OHS Act or any of the Employer's rules, regulations and procedures.
- The Employer reserves the right to terminate the contract, once 3 non-conformances / PIR are raised against the Contractor.
- All unknown/known services will be brought to the attention of the Contractor by Service Manager. Should the Contractor encounter any other services in the work area, he will immediately bring them to the attention of the Service Manager who will issue instructions as to what actions are to be taken.
- The *Employer* carries no responsibility for unforeseen delays unless such a delay is negotiated within 24 hours of the occurrence and written agreement is submitted by the *Employer*
- Care must be taken to prevent damage to any surroundings such as the plant, roads, environment and equipment in and around existing buildings.
- The *Contractor* and his employees will be required to conduct themselves at all times in proper and orderly manner while on the *Employer's* premises.
- The *Contractor* and his employees may only smoke in the allowed / designated areas.
- The Employer will take immediate steps to institute criminal investigations in the event of any suspected criminal acts e.g. theft etc.

5.11 Tests and inspections

5.11.1 Description of tests and inspections

The contractor shall ensure that the instruments are calibrated and repaired according to the manufacture's specifications/applicable standards and shall provide as evidence supporting documentation such as method used for calibrations and repairs.

5.11.2 Materials facilities and samples for tests and inspections

- N/A

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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

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