

**Specialized Maintenance, Repairs and Testing of portable Earthing Gear used within Limlanga Cluster on an as when required basis for a period 60 months.**



## NEC3 Term Service Contract (TSC3)

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

and [Insert at award stage]  
(Reg No. \_\_\_\_\_ )

for **Specialized Maintenance, Repairs and Testing of portable Earthing Gear used within Limlanga Cluster on an as when required basis for a period 60 months.**

**Mpumalanga Operating Unit**

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**CONTRACT No. [Insert at award stage]**

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**Specialized Maintenance, Repairs and Testing of portable Earthing Gear used within Limlanga Cluster on an as when required basis for a period 60 months.**

## **PART C1: AGREEMENTS & CONTRACT DATA**

<b>Contents:</b>	<b>No of pages</b>
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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:

**Specialized Maintenance, Repairs and Testing of portable Earthing Gear used within Limlanga Cluster on an as when required basis for a period of 60 Months**

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.

	The offered total of the Prices exclusive of VAT is	R [•]
	The first forecast of the total Defined Cost plus the Fee exclusive of VAT is	R [•]
	Sub total	R [•]
	Value Added Tax @ 15% is	R [•]
	The offered total of the amount due inclusive of VAT is <sup>1</sup>	R [•]
	(in words) [•]	

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:

Not Applicable

<sup>1</sup> 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**

Note:

1. This part of the Offer & Acceptance would not be required if the contract has been developed by negotiation between the Parties and is not the result of a process of competitive tendering.
2. The extent of deviations from the tender documents issued by the Employer prior to the tender closing date is limited to those permitted in terms of the Conditions of Tender.
3. A tenderer's covering letter must not be included in the final contract document. Should any matter in such letter, which constitutes a deviation as aforesaid be the subject of agreement reached during the process of Offer and Acceptance, the outcome of such agreement shall be recorded here and the final draft of the contract documents shall be revised to incorporate the effect of it.

No.	Subject	Details
1	[•]	[•]
2	[•]	[•]
3	[•]	[•]
4	[•]	[•]
5	[•]	[•]
6	[•]	[•]
7	[•]	[•]

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)

\_\_\_\_\_

(Insert name and address of organisation)

Name & signature of witness \_\_\_\_\_

\_\_\_\_\_

Date \_\_\_\_\_

\_\_\_\_\_

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## C1.2a TSC3 Contract Data

### Part one - Data provided by the *Employer*

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

Clause	Statement	Data
1	<b>General</b>	
	The <i>conditions of contract</i> are the core clauses and the clauses for main Option:	
		<b>C</b> Target contract with price list
	dispute resolution Option	<b>W1:</b> Dispute resolution procedure
	and secondary Options	
		<b>X1:</b> Price adjustment for inflation
		<b>X2</b> Changes in the law
		<b>X17:</b> Low service damages
		<b>X18:</b> Limitation of liability
		<b>X19:</b> Task orders
		<b>Z:</b> <i>Additional conditions of contract</i>
	of the NEC3 Term Service Contract April 2013 <sup>2</sup> (TSC3)	
10.1	The <i>Employer</i> is (name):	<b>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</b>
	Address	<b>Registered office at Megawatt Park, Maxwell Drive, Sandton, Johannesburg</b>
	Tel No.	<b>011 800 3000</b>
10.1	The <i>Service Manager</i> is (name):	<b>Tebogo Khosana</b>
	Address	<b>Eskom Holdings SOC Limited 1 Gobie Street, Menlo Park, Newlands Ext, 0102</b>
	Tel	<b>+27 13 693 4302</b>
	e-mail	<b>KhosanTL@eskom.co.za</b>

<sup>2</sup> Available from Engineering Contract Strategies Tel 011 803 3008 Fax 086 539 1902 [www.ecs.co.za](http://www.ecs.co.za)

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11.2(2)	The Affected Property is	Eskom Holdings SOC Limited Limlanga cluster
11.2(13)	The <i>service</i> is	Specialized Maintenance, Repairs and Testing of portable Earthing Gear used within Limlanga Cluster on an as when required basis
11.2(14)	The following matters will be included in the Risk Register	
11.2(15)	The Service Information is in	Part C3: 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	2 weeks
2	<b>The Contractor's main responsibilities</b>	Data required by this section of the core clauses is also provided by the <i>Contractor</i> in Part C2b 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	1 week of the Contract Date
3	<b>Time</b>	
30.1	The <i>starting date</i> is.	[•]
30.1	The <i>service period</i> is	60 months
4	<b>Testing and defects</b>	
40	<b>Tests and inspections</b>	
40.1	This clause only applies to tests and inspections required by the Service Information or the applicable law.	
40.2	The <i>Contractor</i> and the <i>Employer</i> provide materials, facilities and samples for tests and inspections as stated in the Service Information	
40.3	The <i>Contractor</i> and the <i>Service Manager</i> each notifies the other of each of his tests and inspections before it starts and afterwards notifies the other of its results. The <i>Contractor</i> notifies the <i>Service Manager</i> in time for a test or inspection to be arranged and done before doing work which would obstruct the test or inspection. The <i>Service Manager</i> may watch any test done by the <i>Contractor</i> .	
40.4	If a test or inspection shows that any work has a Defect, the <i>Contractor</i> repeats the work if possible and the test or inspection is repeated.	
40.5	The <i>Service Manager</i> does his tests and inspections without causing unnecessary delay to the work.	
40.6	The <i>Service Manager</i> assesses the cost incurred by the <i>Employer</i> in repeating a test or inspection after a Defect is found. The <i>Contractor</i> pays the amount assessed.	
41	<b>Testing and inspection before delivery</b>	
41.1	The <i>Contractor</i> does not deliver those Plant and Materials which the Service Information states	

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are to be tested or inspected before delivery until the *Service Manager* has notified the *Contractor* that they have passed the test or inspection.

42	<b>Notifying and correcting Defects</b>	
42.1	Until the end of the <i>service period</i> , the <i>Service Manager</i> notifies the <i>Contractor</i> of each Defect as soon as he finds it and the <i>Contractor</i> notifies the <i>Service Manager</i> of each Defect as soon as he finds it. The <i>Contractor</i> corrects a Defect whether or not the <i>Service Manager</i> notifies him of it.	
42.2	The <i>Contractor</i> corrects notified Defects within a time which minimises the adverse effect on the <i>Employer</i> or Others. If the <i>Contractor</i> does not correct a Defect within the time required by this contract, the <i>Service Manager</i> assesses the cost to the <i>Employer</i> of having the Defect corrected by other people and the <i>Contractor</i> pays this amount.	
42.3	The <i>Service Manager</i> arranges for the <i>Employer</i> to allow the <i>Contractor</i> access if it is needed for correcting a Defect.	
43	<b>Accepting Defects</b>	
43.1	The <i>Contractor</i> and the <i>Service Manager</i> may each propose to the other that the Service Information should be changed so that a Defect does not have to be corrected. If the <i>Contractor</i> and the <i>Service Manager</i> are prepared to consider the change, the <i>Contractor</i> submits a quotation for reduced Prices to the <i>Service Manager</i> for acceptance. If the <i>Service Manager</i> accepts the quotation, he gives an instruction to change the Service Information and the Prices accordingly.	
5	<b>Payment</b>	
50.1	The <i>assessment interval</i> is	<b>As and when required</b>
51.1	The <i>currency of this contract</i> is the	<b>South African Rand</b>
51.2	The period within which payments are made is	<b>30 days after all work has been completed along with the required documentation submitted and final correct invoice has been submitted.</b>
51.4	The <i>interest rate</i> is	<p>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</p> <p>(ii) the LIBOR rate applicable at the time for amounts due in other currencies. LIBOR is the 6 month London Interbank Offered Rate quoted under the caption "Money Rates" in The Wall Street Journal for the applicable currency or if no rate is quoted for the currency in question then the rate for United States Dollars, and if no such rate appears in The Wall Street Journal then the rate as quoted by the Reuters Monitor Money Rates Service (or such service as may replace the Reuters Monitor Money Rates Service) on the due date for the payment in question, adjusted <i>mutatis mutandis</i> every 6 months thereafter (and as certified, in the event of any dispute, by any manager employed in the</p>



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foreign exchange department of The Standard Bank of South Africa Limited, whose appointment it shall not be necessary to prove.

## 6 Compensation events

- 60.1 The following are compensation events.
- (1) The *Service Manager* gives an instruction changing the Service Information except
    - a change made in order to accept a Defect or
    - a change to the Service Information provided by the *Contractor* for his plan which is made either at his request or to comply with other Service Information provided by the *Employer*.
  - (2) The *Employer* does not provide the right of access to the Affected Property in accordance with the Accepted Plan.
  - (3) The *Employer* does not provide something which he is to provide as stated in the Service Information in accordance with the Accepted Plan.
  - (4) The *Service Manager* gives an instruction to stop or not to start any work.
  - (5) The *Employer* or Others do not work in accordance with the Accepted Plan or within the conditions stated in the Service Information.
  - (6) The *Service Manager* does not reply to a communication from the *Contractor* within the period required by this contract.
  - (7) The *Service Manager* changes a decision which he has previously communicated to the *Contractor*.
  - (8) The *Service Manager* withholds an acceptance (other than acceptance of a quotation for not correcting a Defect) for a reason not stated in this contract.
  - (9) A test or inspection done by the *Service Manager* causes unnecessary delay.
  - (10) A change to the Affected Property other than a change as a result of Providing the Service.
  - (11) The *Employer* does not provide materials, facilities and samples for tests and inspections as stated in the Service Information.
  - (12) An event which is an *Employer's* risk in this contract.
  - (13) The *Service Manager* notifies a correction to an assumption which he has stated about a compensation event.
  - (14) A breach of contract by the *Employer* which is not one of the other compensation events in this contract.

## 61 Notifying compensation events

- 61.1 For compensation events which arise from the *Service Manager* giving an instruction, changing an earlier decision or correcting an assumption, the *Service Manager* notifies the *Contractor* of the compensation event at the time of that communication. He also instructs the *Contractor* to submit quotations, unless the event arises from a fault of the *Contractor* or quotations have already been submitted. The *Contractor* puts the instruction or changed decision into effect.
- 61.2 The *Service Manager* may instruct the *Contractor* to submit quotations for a proposed instruction or a proposed changed decision. The *Contractor* does not put a proposed instruction or a proposed changed decision into effect.
- 61.3 The *Contractor* notifies the *Service Manager* of an event which has happened or which he expects to happen as a compensation event if
- the *Contractor* believes that the event is a compensation event and
  - the *Service Manager* has not notified the event to the *Contractor*.
- 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 unless the event arises from the *Service Manager* giving an instruction, changing an earlier decision or correcting an assumption.
- 61.4 If the *Service Manager* decides that an event notified by the *Contractor*

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- arises from a fault of the Contractor,
- has not happened and is not expected to happen,
- has no effect upon Defined Cost or
- is not one of the compensation events stated in this contract

he notifies the *Contractor* of his decision that the Prices are not to be changed. If the *Service Manager* decides otherwise, he notifies the *Contractor* accordingly and instructs him to submit quotations.

The *Service Manager* notifies his decision to the *Contractor* and, if his decision is that the Prices are to be changed, instructs him to submit quotations before the end of either

- one week after the *Contractor's* notification or
- a longer period to which the *Contractor* has agreed.

If the *Service Manager* does not notify his decision, the *Contractor* may notify the *Service Manager* of his failure. A failure by the *Service Manager* to reply within two weeks of this notification is treated as acceptance by the *Service Manager* that the event is a compensation event and an instruction to submit quotations.

61.5	If the <i>Service Manager</i> decides that the <i>Contractor</i> did not give an early warning of the event which an experienced contractor could have given, he notifies this decision to the <i>Contractor</i> when he instructs him to submit quotations.
61.6	If the <i>Service Manager</i> decides that the effects of a compensation event are too uncertain to be forecast reasonably, he states assumptions about the event in his instruction to the <i>Contractor</i> to submit quotations. Assessment of the event is based on these assumptions. If any of them is later found to have been wrong, the <i>Service Manager</i> notifies a correction.
61.7	A compensation event is not notified after the end of the <i>service period</i> .
<b>62</b>	<b>Quotations for compensation events</b>
62.1	After discussing with the <i>Contractor</i> different ways of dealing with the compensation event which are practicable, the <i>Service Manager</i> may instruct the <i>Contractor</i> to submit alternative quotations. The <i>Contractor</i> submits the required quotations to the <i>Service Manager</i> and may submit quotations for other methods of dealing with the compensation event which he considers practicable.
62.2	Quotations for compensation events comprise proposed changes to the Prices assessed by the <i>Contractor</i> . The <i>Contractor</i> submits details of his assessment with each quotation. If the plan for remaining work is altered by the compensation event, the <i>Contractor</i> includes the alterations to the Accepted Plan in his quotation.
62.3	The <i>Contractor</i> submits quotations within three weeks of being instructed to do so by the <i>Service Manager</i> . The <i>Service Manager</i> replies within two weeks of the submission. His reply is <ul style="list-style-type: none"> <li>• an instruction to submit a revised quotation,</li> <li>• an acceptance of a quotation,</li> <li>• a notification that a proposed instruction will not be given or a proposed changed decision will not be made or</li> </ul> a notification that he will be making his own assessment.
62.4	The <i>Service Manager</i> instructs the <i>Contractor</i> to submit a revised quotation only after explaining his reasons for doing so to the <i>Contractor</i> . The <i>Contractor</i> submits the revised quotation within three weeks of being instructed to do so.
62.5	The <i>Service Manager</i> extends the time allowed for <ul style="list-style-type: none"> <li>• the <i>Contractor</i> to submit quotations for a compensation event and</li> <li>• the <i>Service Manager</i> to reply to a quotation</li> </ul> if the <i>Service Manager</i> and the <i>Contractor</i> agree to the extension before the submission or reply is due. The <i>Service Manager</i> notifies the extension that has been agreed to the <i>Contractor</i> .

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If the *Service Manager* does not reply to a quotation within the time allowed, the *Contractor* may notify the *Service Manager* of his failure. If the *Contractor* submitted more than one quotation for the compensation event, he states in his notification which quotation he proposes is to be accepted. If the *Service Manager* does not reply to the notification within two weeks, and unless the quotation is for a proposed instruction or a proposed changed decision, the *Contractor's* notification is treated as acceptance of the quotation by the *Service Manager*.

<b>63</b>	<b>Assessing compensation events</b>
63.1	For a compensation event which only affects the quantities of work shown in the Price List, the change to the Prices is assessed by multiplying the changed quantities of work by the appropriate rates in the Price List.
63.2	<p>For other compensation events, the changes to the Prices are assessed as the effect of the compensation event upon</p> <ul style="list-style-type: none"> <li>the actual Defined Cost of the work already done,</li> <li>the forecast Defined Cost of the work not yet done and</li> <li>the resulting Fee.</li> </ul> <p>If the compensation event arose from the <i>Service Manager</i> giving an instruction, changing an earlier decision or correcting an assumption, the date which divides the work already done from the work not yet done is the date of that communication. In all other cases, the date is the date of the notification of the compensation event.</p> <p>Effects on the Defined Cost are assessed separately for</p> <ul style="list-style-type: none"> <li>people who are employed by the <i>Contractor</i>,</li> <li>Plant and Materials,</li> <li>work subcontracted by the <i>Contractor</i> and</li> <li>Equipment.</li> </ul> <p>The <i>Contractor</i> shows how each of these effects is built up in each quotation for a compensation event.</p>
63.3	If the <i>Service Manager</i> and the <i>Contractor</i> agree, rates and Prices in the Price List may be used as a basis for assessment instead of Defined Cost and the resulting Fee.
63.4	If the effect of a compensation event is to reduce the total Defined Cost, the Prices are not reduced except as stated in this contract.
63.5	The rights of the <i>Employer</i> and the <i>Contractor</i> to changes to the Prices are their only rights in respect of a compensation event.
63.6	If the <i>Service Manager</i> has notified the <i>Contractor</i> of his decision that the <i>Contractor</i> did not give an early warning of a compensation event which an experienced contractor could have given, the event is assessed as if the <i>Contractor</i> had given early warning.
63.7	Assessment of the effect of a compensation event includes risk allowances for cost for matters which have a significant chance of occurring and are at the <i>Contractor's</i> risk under this contract.
63.8	Assessments are based upon the assumptions that the <i>Contractor</i> reacts competently and promptly to the compensation event, that any Defined Cost due to the event is reasonably incurred and that the Accepted Plan can be changed.
63.9	A compensation event which is an instruction to change the Service Information in order to resolve an ambiguity or inconsistency is assessed as if the Prices were for the interpretation most favourable to the Party which did not provide the Service Information.
<b>64</b>	<b>The Service Manager's assessments</b>
64.1	<p>The <i>Service Manager</i> assesses a compensation event</p> <ul style="list-style-type: none"> <li>if the <i>Contractor</i> has not submitted a quotation and details of his assessment within the</li> </ul>

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time allowed,

- if the *Service Manager* decides that the *Contractor* has not assessed the compensation event correctly in a quotation and he does not instruct the *Contractor* to submit a revised quotation,
- if, when the *Contractor* submits quotations for a compensation event, he has not submitted a plan or alterations to a plan which this contract requires him to submit or

if, when the *Contractor* submits quotations for a compensation event, the *Service Manager* has not accepted the *Contractor's* latest plan for one of the reasons stated in this contract.

64.2	The <i>Service Manager</i> notifies the <i>Contractor</i> of his assessment of a compensation event and gives him details of it within the period allowed for the <i>Contractor's</i> submission of his quotation for the same event. This period starts when the need for the <i>Service Manager's</i> assessment becomes apparent.
64.3	If the <i>Service Manager</i> does not assess a compensation event within the time allowed, the <i>Contractor</i> may notify the <i>Service Manager</i> of his failure. If the <i>Contractor</i> submitted more than one quotation for the compensation event, he states in his notification which quotation he proposes is to be accepted. If the <i>Service Manager</i> does not reply within two weeks of this notification the notification is treated as acceptance of the <i>Contractor's</i> quotation by the <i>Service Manager</i> .
<b>65</b>	<b>Implementing compensation events</b>
65.1	A compensation event is implemented when <ul style="list-style-type: none"> <li>• the <i>Service Manager</i> notifies his acceptance of the <i>Contractor's</i> quotation,</li> <li>• the <i>Service Manager</i> notifies the <i>Contractor</i> of his own assessment or</li> </ul> a <i>Contractor's</i> quotation is treated as having been accepted by the <i>Service Manager</i> .
65.2	The assessment of a compensation event is not revised if a forecast upon which it is based is shown by later recorded information to have been wrong.

<b>7</b>	<b>Use of Equipment Plant and Materials</b>	<b>There is no reference to Contract Data in this section of the core clauses and terms in italics used in this section are identified elsewhere in this Contract Data</b>
<b>8</b>	<b>Risks and insurance</b>	
80.1	These are additional <i>Employer's</i> risks	<b>1. Damage to employer property or assets</b> <b>2. Subpar service to equipment</b> <b>3. Delay to respond to deliver service</b>

<b>9</b>	<b>Termination</b>
90.1	If either Party wishes to terminate the <i>Contractor's</i> obligation to Provide the Service, he notifies the <i>Service Manager</i> and the other Party giving details of his reason for terminating. The <i>Service Manager</i> issues a termination certificate to both Parties promptly if the reason complies with this contract.
90.2	The <i>Contractor</i> may terminate only for a reason identified in the Termination Table. The <i>Employer</i> may terminate for any reason. The procedures followed and the amounts due on termination are in accordance with the Termination Table.

**TERMINATION TABLE**

Terminating Party	Reason	Procedure	Amount due
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The <i>Employer</i>	A reason other than R1–R21	P1, P2 and P4	A1, A2 and A4
	R1–R15 or R18	P1, P2, P3 and P4	A1, A2 and A3
	R17 or R20	P1 and P4	A1 and A2
	R21	P1, P3 and P4	A1 and A2
The <i>Contractor</i>	R1–R10, R16 or R19	P1, P2 and P4	A1, A2 and A4
	R17 or R20	P1, P2 and P4	A1 and A2

90.3	The procedures for termination are implemented immediately after the <i>Service Manager</i> has issued a termination certificate.
90.4	Within thirteen weeks of termination, the <i>Service Manager</i> certifies a final payment to or from the <i>Contractor</i> which is the <i>Service Manager's</i> assessment of the amount due on termination less the total of previous payments. Payment is made within three weeks of the <i>Service Manager's</i> certificate.
90.5	After a termination certificate has been issued, the <i>Contractor</i> does no further work necessary to Provide the Service.

## **91 Reasons for termination**

91.1	<p>Either Party may terminate if the other Party has done one of the following or its equivalent.</p> <ul style="list-style-type: none"> <li>• If the other Party is an individual and has <ul style="list-style-type: none"> <li>• presented his petition for bankruptcy (R1),</li> <li>• had a bankruptcy order made against him (R2),</li> <li>• had a receiver appointed over his assets (R3) or</li> <li>• made an arrangement with his creditors (R4).</li> </ul> </li> <li>• If the other Party is a company or partnership and has <ul style="list-style-type: none"> <li>• had a winding-up order made against it (R5),</li> <li>• had a provisional liquidator appointed to it (R6),</li> <li>• passed a resolution for winding-up (other than in order to amalgamate or reconstruct) (R7),</li> <li>• had an administration order made against it (R8),</li> <li>• had a receiver, receiver and manager, or administrative receiver appointed over the whole or a substantial part of its undertaking or assets (R9) or</li> </ul> </li> </ul> <p>made an arrangement with its creditors (R10).</p>
91.2	<p>The <i>Employer</i> may terminate if the <i>Service Manager</i> has notified that the <i>Contractor</i> has defaulted in one of the following ways and not put the default right within four weeks of the notification.</p> <ul style="list-style-type: none"> <li>• Substantially failed to Provide the Service (R11).</li> <li>• Not provided a bond or guarantee which this contract requires (R12).</li> </ul> <p>Appointed a Subcontractor for substantial work before the <i>Service Manager</i> has accepted the Subcontractor (R13).</p>
91.3	<p>The <i>Employer</i> may terminate if the <i>Service Manager</i> has notified that the <i>Contractor</i> has defaulted in one of the following ways and not stopped defaulting within four weeks of the notification.</p> <ul style="list-style-type: none"> <li>• Substantially hindered the <i>Employer</i> or Others (R14).</li> </ul> <p>Substantially broken a health or safety regulation (R15).</p>
91.4	<p>The <i>Contractor</i> may terminate if the <i>Employer</i> has not paid an amount due under the contract within eleven weeks of the date that it should have been paid (R16).</p>

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91.5	Either Party may terminate if the Parties have been released under the law from further performance of the whole of this contract (R17).
91.6	<p>If the <i>Service Manager</i> has instructed the <i>Contractor</i> to stop or not to start any substantial work or all work and an instruction allowing the work to re- start or start has not been given within thirteen weeks,</p> <ul style="list-style-type: none"> <li>the <i>Employer</i> may terminate if the instruction was due to a default by the <i>Contractor</i> (R18),</li> <li>the <i>Contractor</i> may terminate if the instruction was due to a default by the <i>Employer</i> (R19) and</li> </ul> <p>either Party may terminate if the instruction was due to any other reason (R20).</p>
91.7	The <i>Employer</i> may terminate if an event which the Parties could not reasonably prevent has substantially affected the <i>Contractor's</i> work for a continuous period of more than thirteen weeks (R21).
<b>92</b>	<b>Procedures on termination</b>
92.1	On termination, the <i>Employer</i> may complete the <i>service</i> and may use any Plant and Materials provided by the <i>Contractor</i> (P1).
92.2	<p>The procedure on termination also includes one or more of the following as set out in the Termination Table.</p> <p>P2 The <i>Employer</i> may instruct the <i>Contractor</i> to remove any Equipment, Plant and Materials and assign the benefit of any subcontract or other contract related to performance of this contract to the <i>Employer</i>.</p> <p>P3 The <i>Employer</i> may use any Equipment to which the <i>Contractor</i> has title to complete the <i>service</i>. The <i>Contractor</i> promptly removes the Equipment when the <i>Service Manager</i> notifies him that the <i>Employer</i> no longer requires it to complete the <i>service</i>.</p> <p>P4 The <i>Contractor</i> provides to the <i>Employer</i> information and other things which the Service Information states he is to provide at the end of the <i>service period</i>.</p>
<b>93</b>	<b>Payment on termination</b>
93.1	<p>The amount due on termination includes (A1)</p> <ul style="list-style-type: none"> <li>an amount due assessed as for normal payments,</li> <li>the Defined Cost for Plant and Materials <ul style="list-style-type: none"> <li>which have been delivered and retained by the <i>Employer</i> or</li> <li>which the <i>Employer</i> owns and of which the <i>Contractor</i> has to accept delivery,</li> </ul> </li> <li>other Defined Cost reasonably incurred in expectation of completing the whole of the <i>service</i> and</li> </ul> <p>any amounts retained by the <i>Employer</i>.</p>
93.2	<p>The amount due on termination also includes one or more of the following as set out in the Termination Table.</p> <p>A2 The forecast Defined Cost of removing the Equipment.</p> <p>A3 A deduction of the forecast of the additional cost to the <i>Employer</i> of completing the whole of the <i>service</i>.</p> <p>A4 The <i>direct fee percentage</i> applied to</p> <ul style="list-style-type: none"> <li>for Options A and C, any excess of the total of the Prices at the Contract Date over the Price for Services Provided to Date or</li> </ul> <p>for Option E, any excess of the first forecast of the Defined Cost for the <i>service</i> over the Price for Services Provided to Date less the Fee.</p>
<b>10</b>	<b>Data for main Option clause</b>
<b>A</b>	<b>Priced contract with price list</b>

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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	N/A	
<b>C</b>	<b>Target contract with price list</b>		
20.4	The <i>Contractor</i> prepares forecasts of the total Defined Cost for the whole of the <i>service</i> at intervals no longer than	1 week.	
50.6	The <i>exchange rates</i> are those published in	N/A	
53.1	The <i>Contractor's</i> share percentages and the share ranges are	<i>share range</i>  less than [•] % from [•]% to [•]% from [•]% to [•]% greater than [•]%	<i>Contractor's share %-age</i>  [•]% [•]% [•]% [•]%
53.3	The <i>Contractor's</i> share is assessed on (dates)	N/A	
<b>E</b>	<b>Cost reimbursable contract</b>		
20.4	The <i>Contractor</i> prepares forecasts of the total Defined Cost for the whole of the <i>service</i> at intervals no longer than	N/A	
	The <i>exchange rates</i> are those published in	N/A	
<b>11</b>	<b>Data for Option W1</b>		
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 <a href="http://www.ice-sa.org.za">www.ice-sa.org.za</a> ). If the Parties do not agree on an Adjudicator the Adjudicator will be appointed by the Arbitration Foundation of Southern Africa (AFSA).	
	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 <a href="http://www.ice-sa.org.za">www.ice-sa.org.za</a> ) 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	

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	Arbitrations published by The Association of Arbitrators (Southern Africa) or its successor body.		
	The place where arbitration is to be held is	South Africa	
	The person or organisation who will choose an arbitrator		
	- if the Parties cannot agree a choice or	the Chairman for the time being or his nominee	
	- if the arbitration procedure does not state who selects an arbitrator, is	of the Association of Arbitrators (Southern Africa) or its successor body.	
12	Data for secondary Option clauses		
X1	Price adjustment for inflation		
X1.1	The <i>base date</i> for indices is	The rates shall be fixed and firm for the first 12 months of the contract. thereafter, on each anniversary of the contract, the prices will be adjusted for the 1st, 2nd, 3rd, and 4th years in accordance with [BP1] [SN2] the SEIFSA Indices Table D and there will be a15 % non-adjustable fixed portion that is not subject to CPA and 85% will be adjusted.	
	The proportions used to calculate the Price Adjustment Factor are:	proportion	linked to index for
			Index prepared by
		0.	[•]
		0.	[•]
		0.	[•]
		0.	[•]
		0.	[•]
		0.15%	non-adjustable
		1.00	
X2	Changes in the law	There is no reference to Contract Data in this Option and terms in italics are identified elsewhere in this Contract Data.	
X3	Multiple currencies	N/A	
X3.1	The <i>Employer</i> will pay for these items or activities in the currencies stated	Items & activities	Other currency
			Maximum payment in other currency
		[•]	
		[•]	
		[•]	
		[•]	



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X3.1	The <i>exchange rates</i> are those published in <b>[•] on [•] (date)</b>	<p>The items &amp; activities will be paid in the other currency</p> <ul style="list-style-type: none"> <li>- to a foreign Bank account nominated by the <i>Contractor</i></li> <li>- to a valid SARB approved CFC account in South Africa</li> <li>- in accordance with an alternative payment method agreed with the <i>Employer</i> before the Contract Date.</li> </ul> <p>(select one of the three methods as agreed with the successful tenderer prior to contract award and delete the others and this note)</p>
X4	<b>Parent company guarantee</b>	There is no reference to Contract Data in this Option and terms in italics are identified elsewhere in this Contract Data.
X12	<b>Partnering</b>	N/A
X12.1(1)	The <i>Client</i> is (Name):	<b>[•]</b>
	Address	<b>[•]</b>
	Contact details	<b>[•]</b>
	Telephone:	<b>[•]</b>
	Fax	<b>[•]</b>
	e-mail	<b>[•]</b>
X12.1(4)	The Partnering Information is in	N/A
X12.2(1)	The <i>Client's objective</i> is:	<b>[•]</b>
X13	<b>Performance bond</b>	
X13.1	The amount of the performance bond is	N/A
X17	<b>Low service damages</b>	
X17.1	The <i>service level table</i> is in	
X18	<b>Limitation of liability</b>	
X18.1	The <i>Contractor's</i> liability to the <i>Employer</i> for indirect or consequential loss is limited to	<b>R0.0 (zero Rand)</b>
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	<b>the amount of the deductibles relevant to the event</b>
X18.3	The <i>Contractor's</i> liability for Defects due to his design of an item of Equipment is limited to	<p><b>The greater of</b></p> <ul style="list-style-type: none"> <li>• the total of the Prices at the Contract Date and</li> <li>• the amounts excluded and unrecoverable</li> </ul>

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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	<p>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</p> <p>the total of the Prices other than for the additional excluded matters.</p> <p>The <i>Contractor's</i> total liability for the additional excluded matters is not limited.</p> <p>The additional excluded matters are amounts for which the <i>Contractor</i> is liable under this contract for</p> <ul style="list-style-type: none"> <li>• Defects due to his design, plan and specification,</li> <li>• Defects due to manufacture and fabrication outside the Affected Property,</li> <li>• loss of or damage to property (other than the <i>Employer's</i> property, Plant and Materials),</li> <li>• death of or injury to a person and</li> <li>• infringement of an intellectual property right.</li> </ul>
X18.5	The <i>end of liability date</i> is	6 months after the end of the <i>service period</i> .
<b>X19</b>	<b>Task Order</b>	
X19.5	The <i>Contractor</i> submits a Task Order programme to the <i>Service Manager</i> within	2 weeks
<b>X20</b>	<b>Key Performance Indicators (not used when Option X12 applies)</b>	
X20.1	The <i>incentive schedule</i> for Key Performance Indicators is in	N/A
X20.2	A report of performance against each Key Performance Indicator is provided at intervals of	N/A
<b>Z</b>	<b>The <i>additional conditions of contract</i> are</b>	
	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.

**Specialized Maintenance, Repairs and Testing of portable Earthing Gear used within Limlanga Cluster on an as when required basis for a period 60 months.****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.
- 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*.

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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 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.

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**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 *Contractor* 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 *Contractor*, 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 Action** means a Committing Party unlawfully or illegally destroying, falsifying, altering or 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

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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.

### **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**

<b>Insurance against or name of policy</b>	<b>Minimum amount of cover or minimum lir of indemnity</b>
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

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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

### **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:

<b>AAIA</b>	means approved asbestos inspection authority.
<b>ACM</b>	means asbestos containing materials.
<b>AL</b>	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.
<b>Ambient Air</b>	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.
<b>Compliance Monitoring</b>	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.
<b>OEL</b>	means occupational exposure limit.
<b>Parallel Measurements</b>	means measurements performed in parallel, yet separately, to existing measurements to verify validity of results.

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<b>Safe Levels</b>	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.
<b>Standard</b>	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 Material, Equipment and Articles.
<b>SANAS</b>	means the South African National Accreditation System.
<b>TWA</b>	means the average exposure, within a given workplace, to airborne asbestos fibres, normalized 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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## C1.2b Contract Data

### Part two - Data provided by the *Contractor*

**[Instructions to the contract compiler: (delete this note before issue to tenderers with an enquiry)**

Whenever a cell is shaded in the left-hand column it denotes this data is optional and would be required in relation to the option selected. In the event that the option is not required select and delete the whole row.]

**Notes to a tendering contractor:**

1. Please read both the both the NEC3 Term Service Contract April 2013 and the relevant parts of its Guidance Notes (TSC3-GN)<sup>3</sup> in order to understand the implications of this Data which the tenderer is required to complete.
2. The number of the clause which requires the data is shown in the left-hand column for each statement however other clauses may also use the same data.
3. Where a form field like this [ ] appears, data is required to be inserted relevant to the option selected. Click on the form field **once** and type in the data. Otherwise, complete by hand and in ink.

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:	

<sup>3</sup> Available from Engineering Contract Strategies Tel 011 803 3008 Fax 086 5391902 or [www.ecs.co.za](http://www.ecs.co.za)

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Job:

Responsibilities:

Qualifications:

Experience:

2 Name:

Job

Responsibilities:

Qualifications:

Experience:

CV's (and further key person's data including CVs) are in \_\_\_\_\_.

<b>A</b>	<b>Priced contract with price list</b>
11.2(12)	The <i>price list</i> is in _____
11.2(19)	The tendered total of the Prices is <b>R</b> <b>N/A</b>
<b>C</b>	<b>Target contract with price list</b>
11.2(12)	The <i>price list</i> is in _____
11.2(20)	The tendered total of the Prices is <b>R</b> <b>N/A</b>
<b>E</b>	<b>Cost reimbursable contract</b>
11.2(12)	The <i>price list</i> is in _____

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## C1.3 Proforma Guarantees

### Pro formas for Bonds & Guarantees

For use with the NEC3 Term Service Contract (TSC3)

**[Note to contract compiler:**

**Once it has been decided which securities are required for this contract delete from this file the ones not required, revise the notes below accordingly and delete this note.]**

The *conditions of contract* stated in the Contract Data Part 1 include the following Secondary Options:

Option X4: Parent company guarantee

Option X13: Performance Bond

Each of these secondary Options requires a bond or guarantee "in the form set out in the Service Information". Pro forma documents for these bonds and guarantees are provided here for convenience but are to be treated as part of the Service Information.

The *Contractor* shall guarantee his ASGI-SA Obligations by providing the *Employer* with an ASGI-SA Guarantee in the form provided here.

**[Note to contract compiler: If there are no ASGI-SA Obligations in this contract, delete the above statement and the ASGI-SA bond]**

The organisation providing the bond / guarantee does so by copying the pro forma document onto his letterhead without any change to the text or format and completing the required details. The completed document is then given to the *Employer* within the time stated in the contract.

### Pro forma Parent Company Guarantee (for use with Option X4)

*(to be reproduced exactly as shown below on the letterhead of the Contractor's Parent Company)*

Eskom Holdings SOC Ltd  
Megawatt Park  
Maxwell Drive  
Sandton  
Johannesburg

Date:

Dear Sirs,

**Parent Company Guarantee for Contract No**

**Specialized Maintenance, Repairs and Testing of portable Earthing Gear used within Limlanga Cluster on an as when required basis for a period 60 months.**

With reference to the above numbered contract made or to be made between

**Eskom Holdings SOC Ltd**

(the *Employer*) and

**{Insert registered name and address of the *Contractor*}**

(the *Contractor*), for

**{Insert details of the *works* from the Contract Data}**

(the *works*).

I/We the undersigned

on behalf of the *Contractor's*  
parent company

of physical address

and duly authorised thereto do hereby unconditionally guarantee to the *Employer* that the *Contractor* shall Provide the Service in accordance with the above numbered Contract.

1. If for any reason the *Contractor* fails to Provide the Service, we hereby agree to cause to Provide the Service at no additional cost to the *Employer*.
2. If we fail to comply with the terms of this Deed of Guarantee, the *Employer* may itself procure such performance (whether or not the Agreement be formally determined). The *Employer* is to notify us and we shall indemnify the *Employer* for any additional cost or expense it incurs.
3. Our liability shall be as primary obligor and not merely as surety and shall not be impaired or discharged by reason of any arrangement or change in relationship made between the *Contractor* and the *Employer* and/or between us and *Contractor*; nor any alteration in the obligations undertaken by the *Contractor* or in the terms of the Agreement; nor any indulgence, failure, delay by you as to any matter; nor any dissolution or liquidation or such other analogous event of the *Contractor*.
4. The *Employer* shall not be obliged before taking steps to enforce the terms of this Deed of Guarantee to obtain judgement against the *Contractor* in any court or other tribunal, to make or file any claim in liquidation (or analogous proceedings) or to seek any remedy or proceed first against the *Contractor*.
5. This Deed of Guarantee shall be governed by and construed in accordance with the laws of the Republic of South Africa and we hereby submit to the non-exclusive jurisdiction of the High Court of South Africa.

Signed at \_\_\_\_\_ on this \_\_\_\_\_ day of \_\_\_\_\_ 200\_

Signature(s)

Name(s) (printed)

Position in parent company

Signature of Witness(s)

Name(s) (printed)

**Specialized Maintenance, Repairs and Testing of portable Earthing Gear used within Limlanga Cluster on an as when required basis for a period 60 months.**

**Pro forma Performance Bond – Demand Guarantee (for use with Option X13)**

*(to be reproduced exactly as shown below on the letterhead of the Bank providing the Guarantee)*

**Eskom Holdings SOC Ltd  
Megawatt Park  
Maxwell Drive  
Sandton  
Johannesburg**

Reference No. *[Drafting Note: Bank reference number to be inserted]*

Date:

Dear Sirs

Performance **Bond – Demand Guarantee:** *[Drafting Note: Name of Contractor to be inserted]*

Project [ ] Contract Reference: ..... *[Drafting Note: Contractor contract reference number to be inserted]*

1. In this Guarantee the following words and expressions shall have the following meanings:-
  - 1.1 “Bank” - means [●], [●] Branch, (Registration No. [●]); *[Drafting Note: Name of Bank to be inserted]*
  - 1.2 “Bank’s Address” - means [●]; *[Drafting Note: Bank’s physical address to be inserted]*
  - 1.3 “Contract” – means the written agreement relating to the Services, entered into between Eskom and the Contractor, on or about the [●] day of [●] 200[●] (Contract Reference No. [.] as amended, varied, restated, novated or substituted from time to time; *[Drafting Note: Signature Date and Contract reference number to be inserted]*
  - 1.4 “Contractor” – means [●] a company registered in accordance with the laws of [●] under Registration Number [●]. *[Drafting Note: Name and details of Contractor to be inserted]*
  - 1.5 “Eskom” - means Eskom Holdings SOC Ltd, a company registered in accordance with the laws of the Republic of South Africa under Registration Number 2002/015527/30].
  - 1.6 “Expiry Date” - means the earlier of
    - the date that the Bank receives a notice from Eskom stating that all amounts due from the Contractor as certified in terms of the contract have been received by Eskom and that the Contractor has fulfilled all his obligations under the Contract, or
    - the date that the Bank issues a replacement Bond for such lesser or higher amount as may be required by Eskom
  - 1.7 “Guaranteed Sum” - means the sum of R..... ( Rand);
  - 1.8 “Services” - means [insert as applicable.].
2. At the instance of the Contractor, we the undersigned \_\_\_\_\_ and \_\_\_\_\_, in our respective capacities as \_\_\_\_\_ and \_\_\_\_\_ of the Bank, and duly authorized thereto, confirm that we hold the Guaranteed Sum at the disposal of Eskom, as security for the proper performance by the Contractor of all of its obligations in terms of and arising from the Contract and hereby undertake to pay to Eskom, on written demand from Eskom received prior to the Expiry Date, any sum or sums not exceeding in total the Guaranteed Sum.
3. A demand for payment under this guarantee shall be made in writing at the Bank’s address and shall:
  - 3.1 be signed on behalf of Eskom by a Group Executive, Divisional Executive, Senior General Manager or its delegate;

**Specialized Maintenance, Repairs and Testing of portable Earthing Gear used within Limlanga Cluster on an as when required basis for a period 60 months.**

- 3.2 state the amount claimed ("the Demand Amount");
- 3.3 state that the Demand Amount is payable to Eskom in the circumstances contemplated in the Contract.
4. Notwithstanding the reference herein to the Contract the liability of the Bank in terms hereof is as principal and not as surety and the Bank's obligation/s to make payment:
- 4.1 is and shall be absolute provided demand is made in terms of this bond in all circumstances; and
- 4.2 is not, and shall not be construed to be, accessory or collateral on any basis whatsoever.
5. The Bank's obligations in terms of this Guarantee:
- 5.1 shall be restricted to the payment of money only and shall be limited to the maximum of the Guaranteed Sum; and
- 5.2 shall not be discharged and compliance with any demand for payment received by the Bank in terms hereof shall not be delayed, by the fact that a dispute may exist between Eskom and the Contractor.
6. Eskom shall be entitled to arrange its affairs with the Contractor in any manner which it sees fit, without advising us and without affecting our liability under this Guarantee. This includes, without limitation, any extensions, indulgences, release or compromise granted to the Contractor or any variation under or to the Contract.
7. Should Eskom cede its rights against the Contractor to a third party where such cession is permitted under the Contract, then Eskom shall be entitled to cede to such third party the rights of Eskom under this Guarantee on written notification to the Bank of such cession.
8. This Guarantee:
- 8.1 shall expire on the Expiry Date until which time it is irrevocable;
- 8.2 is, save as provided for in 7 above, personal to Eskom and is neither negotiable nor transferable;
- 8.3 shall be returned to the Bank upon the earlier of payment of the full Guaranteed Sum or expiry hereof;
- 8.4 shall be regarded as a liquid document for the purpose of obtaining a court order; and
- 8.5 shall be governed by and construed in accordance with the law of the Republic of South Africa and shall be subject to the jurisdiction of the Courts of the Republic of South Africa.
- 8.6 Any claim which arises or demand for payment received after expiry date will be invalid and unenforceable.
9. The Bank chooses domicilium citandi et executandi for all purposes in connection with this Guarantee at the Bank's Address.

Signed at \_\_\_\_\_

Date \_\_\_\_\_

For and behalf of the Bank

Bank Signatory: \_\_\_\_\_

Bank Signatory: \_\_\_\_\_

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Witness: \_\_\_\_\_  
Bank's seal or stamp

Witness: \_\_\_\_\_

**Pro forma ASGI-SA Guarantee**

*(to be reproduced exactly as shown below on the letterhead of the Bank providing the Guarantee)*

**Eskom Holdings SOC Ltd  
Megawatt Park  
Maxwell Drive  
Sandton  
Johannesburg**

Reference No [●] *[Drafting Note:  
Bank reference  
number to be inserted]*

Date:

Dear Sirs

**Pro-Forma ASGI-SA Guarantee:** *[Drafting Note: Name of Contractor to be inserted]*

**Project [ ] Contract Reference: [●] [Drafting Note: Contractor contract reference number to be inserted]**

1. In this Guarantee the following words and expressions shall have the following meanings:-

- 1.1 "Bank" - means [●], [●] Branch, (Registration No. [●]); *[Drafting Note: Name of Bank to be inserted]*
- 1.2 "Bank's Address" - means [●]; *[Drafting Note: Bank's physical address to be inserted]*
- 1.3 "Contract" – means the written agreement relating to the Project, entered into between the *Employer* and the *Contractor*, on or about the [●] day of [●] 200[●] (Contract Reference No. [●] as amended, varied, restated, novated or substituted from time to time; *[Drafting Note: Signature Date and Contract reference number to be inserted]*
- 1.4 "*Contractor*" – means [●] a company registered in accordance with the laws of [●] under Registration Number [●]. *[Drafting Note: Name and details of Contractor to be inserted]*
- 1.5 "*Contractor's ASGI-SA Obligations*" – means the *Contractor's ASGI-SA Obligations* under and as defined in the Contract.
- 1.6 "*Employer*" - means Eskom Holdings SOC Ltd, a company registered in accordance with the laws of the Republic of South Africa under Registration Number 2002/015527/30.
- 1.7 "Expiry Date" - means the [●] day of [●] 200[●]; *[Drafting Note: anticipated date of issue of ASGI-SA Performance Certificate to be inserted.]*
- 1.8 "Guaranteed Sum" - means the sum of R [●] ([●] Rand);
- 1.9 "Project" – means the .....

2. At the instance of the *Contractor*, we the undersigned \_\_\_\_\_ and \_\_\_\_\_, in our respective capacities as \_\_\_\_\_ and \_\_\_\_\_ of the Bank, and duly authorized thereto, confirm that we hold the Guaranteed Sum at the disposal of the *Employer*, as security for the proper performance by the *Contractor* of the *Contractor's ASGI-SA Obligations* and hereby undertake to pay to the *Employer*, on written demand from the *Employer* received prior to the Expiry Date, any sum or sums not exceeding in total the Guaranteed Sum.

3. A demand for payment under this guarantee shall be made in writing at the Bank's address and shall:

- 3.1 state the amount claimed ("the Demand Amount");

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3.2 state that the Demand Amount is payable to the *Employer* in the circumstances contemplated in the Contract.

4. Notwithstanding the reference herein to the Contract the liability of the Bank in terms hereof is as principal and not as surety and the Bank's obligation/s to make payment:

4.1 is and shall be absolute provided demand is made in terms of this bond in all circumstances; and

4.2 is not, and shall not be construed to be, accessory or collateral on any basis whatsoever.

5. The Bank's obligations in terms of this Guarantee:

5.1 shall be restricted to the payment of money only and shall be limited to the maximum of the Guaranteed Sum; and

5.2 shall not be discharged and compliance with any demand for payment received by the Bank in terms hereof shall not be delayed, by the fact that a dispute may exist between the *Employer* and the *Contractor*.

6. The *Employer* shall be entitled to arrange its affairs with the *Contractor* in any manner which it sees fit, without advising us and without affecting our liability under this Guarantee. This includes, without limitation, any extensions, indulgences, release or compromise granted to the *Contractor* or any variation under or to the Contract.

7. Should the *Employer* cede its rights against the *Contractor* to a third party where such cession is permitted under the Contract, then the *Employer* shall be entitled to cede to such third party the rights of the *Employer* under this Guarantee on written notification to the Bank of such cession.

8. This Guarantee:

8.1 shall expire on the Expiry Date until which time it is irrevocable;

8.2 is, save as provided for in 7 above, personal to the *Employer* and is neither negotiable nor transferable;

8.3 shall be returned to the Bank upon the earlier of payment of the full Guaranteed Sum or expiry hereof;

8.4 shall be regarded as a liquid document for the purpose of obtaining a court order; and

8.5 shall be governed by and construed in accordance with the law of the Republic of South Africa and shall be subject to the jurisdiction of the courts of the Republic of South Africa.

8.6 Any claim which arises or demand for payment received after expiry date will be invalid and unenforceable.

9. The Bank chooses domicilium citandi et executandi for all purposes in connection with this Guarantee at the Bank's Address.

Signed at \_\_\_\_\_

Date \_\_\_\_\_

For and behalf of the Bank

Bank Signatory: \_\_\_\_\_

Bank Signatory: \_\_\_\_\_

Witness: \_\_\_\_\_

Witness: \_\_\_\_\_

Bank's seal or stamp



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## PART C2: PRICING DATA

### TSC3 Option C

Document reference	Title	No of pages
C2.1	Pricing assumptions: Option C	35
C2.2	The <i>price list</i>	38

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## C2.1 Pricing assumptions: Option C

### How work is priced and assessed for payment

Clause 11 in the core clauses and Option C clauses of the NEC3 Term Service Contract (TSC3) state:

<b>Identified and defined terms</b>	11	
	11.2	(12) The Price List is the <i>price list</i> unless later changed in accordance with this contract.
		(18) The Price for Services Provided to Date is the Defined Cost which the <i>Contractor</i> has paid plus the Fee.
		(20) 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.

Payments are made at Defined Cost plus Fee (See core clauses 11.2(5), 11.2(6) and 11.2(8)). At the dates stated in the Contract Data, the *Service Manager* calculates the *Contractor's* share in terms of clause 53. If the *Contractor* has been paid more than the equivalent Prices in the Price List for the same work he pays the *Employer* a portion of the over-run (the pain) but if he has been paid less than the equivalent Prices in the Price List he is paid a portion of the under-run (the gain). The Prices in the Price List 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.

### Function of the Price List

In this Option the Price List is used as a means of arriving at a target price. Clause 54.1 in Option C 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.

### 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 related to items of service priced in the *price list*.

### 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 C 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.

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 C;
- Understands the Price List is only used as a means of arriving at a target and that work done is paid for at Defined Cost and the resulting Fee;
- 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

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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.

**Format of the *price list***

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 *price list* includes 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 *price list* includes 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 *price list* includes 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*

The tenderers that meet functionality will go through reverse e-auction.

PRICE LIST		
Components and parts to be inspected, repaired or replaced and tested.		
Item no.	Description	
1	Bag yellow	
2	Bag red	
3	Cluster bar complete (incl. Insp, Mark)	
4	Cluster head	
5	Earth end clamp retic 8 kA	
6	Line end snap on clamp 8kA	
7	Line end screw on clamp 8kA	
8	Earth end clamp retic 20 kA	
9	Earth end ball clamp 20 kA	
10	Line end screw on clamp 20kA	
11	swage pin remove old & fit new (Screw on Clamp)	
12	Jumpers cable yellow 16mm (Per meter)	
13	Jumpers cable red 40mm (Per meter)	
14	Jumpers cable red 95mm (Per meter)	
15	Cut-out Earth clamp (lead Type)	
16	Operating head for d type spindle	
17	Footplate (Plate only replace 600x600) Standard	
18	Miscellaneous (Lugs, Shrink, etc.)	
19	Living out allowance	
20	Travelling per km	
21	Resistance test	
22	Test Certificate per kit	

**Specialized Maintenance, Repairs and Testing of portable Earthing Gear used within Limlanga Cluster on an as when required basis for a period 60 months.**

## PART C3: SCOPE OF WORK

Document reference	Title	No of page
C3.1	<i>Employer's Service Information</i>	42

### C3.1: Employer's service Information

#### 1 Description of the service

#### 2 Executive overview

All services must be delivered as per the latest applicable standards, procedures, specifications, and the latest revision thereof.

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All evaluation mandatory and qualitative requirements as well as south African law to be uphold and adhered to for the duration of the contract.

#### 3 Employer's requirements for the service

##### INSPECTION

Inspections to be in accordance with the following criteria:

3.2.1. 240-78692652 Standard for use and Maintenance of Earthing Gear has reference

3.2.2. Inspection, Maintenance, repairs, and record keeping of equipotential footplate / mats shall be as per 240-69125290

3.2.3. Inspection will be carried out on the portable earthing gear that has been identified as:

- Suspected
- With defect
- Have never been inspected
- Not listed on the inspection record (3monthly or yearly inspection)
- Due for Yearly (12 Monthly) specialised maintenance
- No Serial Number Marked on the clamps (Marked both ends of a lead)
- Kits that have missing components/parts

3.2.6 Need to verify that all components of earthing gear comprise of "Approved Manufacturers components"

3.2.7 The Number of Leads inspected need to be quantified and invoiced accordingly. A Lead can only be counted once. This is inclusive of: no repair required (good condition), to be destroyed (economically beyond repair), after repair and testing

3.2.8 The one-year Frequency of Maintenance is applicable to all Portable Earthing Gear: D-DT- 6082 Earth its, D-DT 3235 Cut-out Earth Clamp, D-DT-6083 Earth Mat Kit, 240-69125290 Use of equipotential Earth Footplate/Mat, Cluster-Clamp Applicator, Cluster-Clamp Remover, Screw on Applicators

3.2.9 The "Short Insulation Stick" used with "portable earth Mat Kit" forms part of Operating Sticks and need to be inspected, tested and maintained in accordance with: 240-70175091 The use, Care, Maintenance and Testing of High-voltage Operating sticks. This will not be done on this contract.

##### 3.3 SPECIALISED MAINTENANCE (TESTING)

In addition to "240-78692652 Standard for use and Maintenance of Earthing Gear" the following will also apply:

3.3.1 Testing to be done after inspection and effective repairs have been conducted

3.3.2 The Number of Tests performed need to be quantified and invoiced accordingly

**Specialized Maintenance, Repairs and Testing of portable Earthing Gear used within Limlanga Cluster on an as when required basis for a period 60 months.**

3.3.3 The Test after inspection on an "In good condition" Lead and the test after "Effective repair" will count as one test. No multiple counting of test on a single lead is allowed

3.3.4 Maintenance Testing of Equipotential Earth Footplate / Mat, Earth Mat (in kit), Leads of Earth Mat Kit.

3.3.5 D-DT-3235 Cut-out Earth Clamp Not to be tested. (Clamp only)

3.3.6 Cut-out Earth Clamp assembled as a Lead to be tested (Jumper and clamps both sides) Note: Not in

**3.4 REPAIRS / MISSING COMPONENTS**

3.4.1 Only "OEM – Original Equipment Manufacturers" components of Portable earthing Gear must be used for any repairs

3.4.2 Where repairs can be affected, the portable Earthing gear shall be repaired

3.4.3 Where earthing gear is repaired by a manufacturer / Accredited service provider, a new certificate must be issued stating the repairs effected.

3.4.4 Where repairs cannot be affected, the portable Earthing gear shall be destroyed. The destroyed earthing gear and all replaced components shall be returned to the RDC, and proof of returned material shall be provided with the invoice.

3.4.5 Earthing Gear cannot be "Made-Up" from components and spares. When the Earthing Gear have been destroyed in accordance with "240-78692652 Standard for use and Maintenance of Earthing Gear" new gear needs to be purchased in accordance with procurement process.

3.4.6 Where Major Repairs are required > 75% of cost of new Kit such repairs will not be allowed - No Earthing Gear Kits may be replaced or purchased on this contract (Scrapping and Procurement process to be followed). Where major repairs exceed 75% threshold the senior supervisor or delegated person must first give approval before such repairs can be carried out.

Note: No Earthing Gear Kits may be replaced or purchased on this contract (Scrapping and Procurement process to be followed)

3.4.7 Repairs need to be identified, quantified, and invoiced accordingly

3.4.8 Repairs to complete the Kit due to missing components need to be requested with the Task order submission to enable the contractor to bring along such items. This request shall only form part of the yearly specialised maintenance cycle as to prevent unnecessary travel by contractor to drive to complete a Kit

**3.5 MARKING**

3.5.1 Marking / Serial numbers on all earthing gear components shall be intact to ensure compliance with the 240-78692652 Standard for use and Maintenance of Earthing Gear.

3.5.2 ISO/SABS accreditation mark shall be visible on the portable Earthing gear Components

3.5.3 Serial Numbers: Each earth shall be permanently (Indelibly) marked with a unique serial number. The same number must be applied to the clamps/adaptors on both ends of each individual earthing lead. These numbers shall be provided by the CNC. No two Earthing Leads shall have the same Serial Number and sets may be marked with the same starting number indicated by the CNC and then the leads can be differentiated by .../A .../B.../C etc.

3.5.4 Marking of Leads needs to be quantified and invoiced accordingly. A marking of a Lead will consist of the marking of any replaced parts of the Lead. A lead marking will be counted as one marking even if the Marking will be applied at multiple points (both clamps of a lead)

3.5.5 All other Earthing Gear assemblies such as , equipotential earth footplate/mat, Earth Mat Kit, Cut-out Earth Clamp, cluster bars, Cluster-Clamp Applicator, Cluster-Clamp Remover, Screw On Applicators will also be indelibly marked with a unique serial number.

3.5.6 Jumpers are not marked. Only the clamps/adaptors at both ends of the Lead

**3.6 RECORDS**

3.6.1 To be in accordance with 240-78692652 Standard for use and Maintenance of Earthing Gear

3.6.2 To be verified During Inspection and non-compliances reported to CNC by the contractor

3.6.3 Record of the contents of each Kit to be available with the Kit. Contractor to verify and report

3.6.4 Maintenance/testing Record from the CNC to be available with each Kit at start of Task - Contractor to verify and report. Contractor should not start populating the record. That must be done after procurement by the CNC

3.6.5 Contractor to issue new Maintenance/testing report after task execution and place with the Kit or handed over to the CNC as per site agreement

**Specialized Maintenance, Repairs and Testing of portable Earthing Gear used within Limlanga Cluster on an as when required basis for a period 60 months.**

3.6.6 All relevant test certificates and reports to be submitted to the requestors whose equipment's was tested and repaired within one week maximum after completion of the task as per the purchase order. NB; no payment will be made until all test certificates and reports were given to the requestors whose equipment was tested and repaired.

Information to be contained on the report

The examination report or test certificate (or both) shall contain at least the following information:

- The name and address of the user for whom the examination or test (or both) was conducted;
- Sufficient particulars (for example the brand, serial number, etc.) to identify the portable earthing equipment/ kit;
- The date of the examination, repairs or test;
- Type of repairs done;
- A statement to the effect that the portable earthing gear is safe to operate with or fit for use;
- Identification of any part found to have a defect, which is, or could become, a danger to persons, and a description of the defect;
- The name, address and qualifications of the competent person conducting either the inspection, examination or test; and
- The date of the report and the signature of the competent person conducting the inspection, examination, testing and repairs.

Information to be contained on the Certificate

The examination report or test certificate (or both) shall contain at least the following information:

- Standard tested to;
- User (Marathon CNC);
- Test date;
- Certificate expiring date;
- Tested by;
- Test instrument used;
- Type of test (Routine);
- Verified by;
- Kit number;
- Test results;

### **3.7 ENVIRONMENTAL**

3.7.1 DISPOSAL, RETURN OF SCRAP MATERIAL PROCESS (Available from CNC) to be followed for all replaced / destroyed components

3.7.2 The Contractor and CNC Supervisor need to assess the workplace where the maintenance /Repairs have been conducted to ensure that there are no environmental disturbances and that the workplace is left clean. This Environmental Inspection needs to be signed off and accompany the Invoice

### **3.8 WARRANTIES**

3.8.1 The Portable earthing gear that needs to be inspected/maintained/ repaired/ replaced/ tested/ (Whichever applicable) in this contract that are still under warranty shall be done free of charge by the manufacturer. Note that the warranty conditions contained in Eskom's National Contract takes precedence over this contract.

3.8.2 The work shall be performed by the manufacturer or the person accredited/authorised by the manufacturer. This requirement shall also apply to repairs that are not part of warranty repairs but are done within or outside the manufacturer's warranty period.

3.8.3 It will be a combined exercise by the CNC and the Contractor to verify the warranty status of the equipment to be worked on. Portable Earthing Gear that is not marked as per the Owner unique identification can be an indication that the equipment is still under warranty.

**Specialized Maintenance, Repairs and Testing of portable Earthing Gear used within Limlanga Cluster on an as when required basis for a period 60 months.****3.9 SUPPLIERS AND MANUFACTURERS**

3.9.1 Contractors to be accredited by Approved Suppliers. List available on the PDE (LAP) list / Webpage. A signed Accredited document is required as Proof.

3.9.2 Contractors to obtain components / Spares for repairs from approved Suppliers or Manufacturers listed on the PDE (LAP) list / Web page. Signed documented proof is required

3.9.3 The Approved Suppliers and or Manufacturers on the LAP (List of approved Products) are the only entities that can submit an authenticated letter that will allow the Service Provider to perform repairs under their jurisdiction

**3.10 ESKOM AND OTHER STANDARDS**

3.10.1 ESKOM LATEST PUBLISHED DOCUMENT RELATED TO PORTABLE EARTHING GEAR (as listed in Normative and Informative) must be accessible from the Eskom PDE Website:

<http://dt.eskom.co.za> (internal Link) OR <http://bits.eskom.co.za/>(external link)

NB: in case a particular standard cannot be located, MOU Standards Implementation Department can be contacted for support.

3.10.2 Documents other than Eskom Standards are for the cost of the supplier. Proof of compliance / in possession of such documents as stipulated in "Normative references" will be acceptable in hardcopy format.

**3.11 SAFETY**

3.11.1 Earthing-for which the Portable earthing gear is used-is one of Eskom Lifesaving rules. No safety will be compromised by any substandard work or components being used on or for portable earthing gear

3.11.1 Authorised supervised Safe Work Execution must be maintained whilst complying with Eskom Life Saving Rules during task execution

**3.12 PURCHASE ORDER**

3.12.1 The employer's representative at each CNC has to issue the contractor with a purchase order before any work can start.

3.12.2 The Task Order needs to be specific for the work to be performed in order for the contractor to do proper planning and bring along the correct and adequate resources

3.12.3 Any Additional Components/Spares that may be required must be listed on the Task Order.

3.12.4 The contractor has to report to the CNC before any work starts where the work will be discussed prior to commencement thereof.

**3.13 WORK UNDER SUPERVISION AND ACCESS**

3.13.1 Eskom to provide Access and a suitable work area for the Contractor

3.13.2 Eskom to provide an authorised person that is familiar with the Scope of work to supervise all work activities, quantify all listed items to be put on the invoice and ensure approved components are used while quality workmanship is being performed.

3.13.3 A Pre-Task Risk assessment needs to be conducted between the Eskom person providing supervision and the Contractor on the tasks to be executed prior to the commencement of the work. On Completion the Pre-Task Risk assessment need to be signed off and submitted with an Invoice.

**3.14 INTENT OF THE EMPLOYER BEFORE COMPLETION**

The Supervisor at the CNC or his direct delegate needs to be assured that all requested work was executed in accordance with the scope and that the reports, invoices, certificates and accompanying documentation is handed over to him before signing off the Invoice.

Items to be Invoiced, Maintained, Tested or Replaced  
Refer to items listed in price list table on pages: 38 - 40



**Specialized Maintenance, Repairs and Testing of portable Earthing Gear used within Limlanga Cluster on an as when required basis for a period 60 months.**

#### 4 Interpretation and terminology

If required include here definitions additional to those used in the *conditions of contract* which are required only for the purpose of making the Service Information easier to draft and read. Also list abbreviations used and provide a full interpretation of each one, for example:

The following abbreviations are used in this Service Information:

Abbreviation	Meaning given to the abbreviation
OBL	Outside battery limits

#### 5 Management strategy and start up.

#### 6 The Contractor's plan for the service

In the TSC3 the *Contractor's* plan is his "design" for performing the *service* throughout the *service period*. Section 2 of the *conditions of contract* describes what the *Contractor* is to show in his plan both in the core clauses and some additional requirements in each of the main Options.

The extent of the *Contractor's* plan will depend on whether the *Contractor* is required to develop a plan in accordance with the *Employer's* broad outline of the *service* or whether the *Employer* has provided a plan for the *Contractor* to follow. Read the TSC3 Guidance Notes pages 21 and 22 for more information on the *Contractor's* plan.

Use this section to describe any particulars which must be taken into account by the *Contractor* in developing his plan as required by clause 21.2. For example information about the order and timing or method of carrying out particular items of work.

List technical reporting and scheduling requirements which are to be incorporated into the *Contractor's* plan.

#### 7 Management meetings

The *conditions of contract* (e.g. Clause 16.2) and other sections of the Service Information (e.g. safety risk management) may require that a meeting shall be held. However the intention of all NEC contracts is that the Parties and their agents use the techniques of partnering to manage the contract by holding meetings designed to pro actively and jointly manage the administration of the contract with the objective of minimising the adverse effects of risks and surprises for both Parties.

Depending on the size and complexity of the *service*, it is probably beneficial for the *Service Manager* to hold a weekly risk register meeting (Clause 16.2). This could be used to discuss safety, compensation events, subcontracting, overall co-ordination and other matters of a general nature. Separate meetings for specialist activities such as planning and activities of a technical nature may also be warranted.

Describe here the general meetings and their purpose. Provide particulars of approximate times, days, location, and attendance requirements, stipulating that attendees shall have the necessary delegated authority to make decisions in respect of matters discussed at such meetings.

The following text could be used as a model for this section:

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

Title and purpose	Approximate time & interval	Location	Attendance by:
Risk register and compensation events	Weekly on _____ at _____		
Overall contract progress and feedback	Monthly on _____ at _____		<i>Employer, Contractor and _____</i>

**Specialized Maintenance, Repairs and Testing of portable Earthing Gear used within Limlanga Cluster on an as when required basis for a period 60 months.**

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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.

## **8 Contractor's management, supervision and key people**

State any additional constraining requirements on *Contractor's* supervision and key people that are not already stated in other sections such as for Health and Safety. This section could be used to solicit an organogramme from the *Contractor* showing his people and their lines of authority / communication. This would be essential if the *Contractor* is a Joint Venture.

## **9 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.

## **10 Documentation control**

Specify how documentation will be identified with an alpha numeric which indicates source, recipient, communication number etc. Provide details of any particular format or other constraints; for example that all contractual communications will be in the form of properly compiled letters or forms attached to e mails and not as a message in the e mail itself. State any particular routing requirements but note from TSC3 who issues what to whom.

## **11 Invoicing and payment**

The Z clauses make reference to invoicing procedures stated here in this Service Information. Also include a list of information which is to be shown on an invoice.

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;
- (add other as required)

Add procedures for invoice submission and payment (e. g. electronic payment instructions)

**Specialized Maintenance, Repairs and Testing of portable Earthing Gear used within Limlanga Cluster on an as when required basis for a period 60 months.****12 Contract change management**

This section is intended to deal with any additional requirements to the compensation event clauses in section 6 of the core clauses; such as the use of standard forms. Not the same thing as documentation control.

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

If Option C or E applies first read clause 52.2 and then state whether the *Contractor* is required to keep any other records. Include any other constraint which may be required in regard to format and filing of the records, and whether access for the *Service Manager* shall be provided in hard copy or electronically.

Could delete if Option A applies unless the *Employer* requires some form of control over the *Contractor's* record keeping for the purpose of compensation event management.

**14 Insurance provided by the Employer**

First read TSC3 Core Clause 86.1 and then add anything necessary for the management of insurance related issues such as a cross reference to where procedures for making claims can be found. Also provide contact details for persons capable of being able to answer any insurance related queries the *Contractor* may have, as well as to whom the information required by Marine Insurance (if any) may be addressed.

**15 Training workshops and technology transfer**

Describe type and frequency of any on job training workshops, as well as any obligation for technology transfer being included as part of the *service* or at the end of the *service period*.

**16 Design and supply of Equipment**

On some complex services (e. g. nuclear) it could be in the Parties best interests that some details of the design of Equipment are shared with the *Service Manager*, not necessarily for his acceptance but as an assurance that the Equipment will be able to allow the *Contractor* to Provide the Service efficiently and without delay. For example specialised handling Equipment for a particular maintenance operation. Clause 23.1 is always available to the *Service Manager* if this paragraph is not used.

Also the *Employer* may wish to exercise constraints or include witness and hold points during manufacture, assembly or delivery of such Equipment. Include these constraints here.

Draft in such a way that there is no doubt that the liability for such design supply and use of the Equipment remains with the *Contractor*.

**17 Things provided at the end of the service period for the Employer's use****18 Equipment**

The *Employer* may wish to use some of the Equipment used by the *Contractor* after the end of the *service period*. Clause 70.2 requires that details of such requirement be stated in the Service Information. Complete here or if not applicable retain the heading and state 'None'.

**19 Information and other things**

Clause 70.2 requires that information and other things which the *Contractor* is to provide at the end of the *service period* be stated in the Service Information.

**Specialized Maintenance, Repairs and Testing of portable Earthing Gear used within Limlanga Cluster on an as when required basis for a period 60 months.**

## **20 Management of work done by Task Order**

Only use this heading if Option X19 applies to this contract.

In some cases all work may be done in terms of Task Orders in which case it may be logical to move this section closer to the start of this part 2 of the Service Information. In some cases only parts of the *service* may require to be handled by Task Order, for example a major repair which has become necessary during a continuous maintenance service contract.

Please read Option X19 before drafting requirements here as much of the procedure for the administration of Task Orders is already provided in X19, for example X19.2 specifies what a task Order should include

A Task Order format could be provided in an Annexure to this Service Information.

Many considerations can apply to Task Orders, such as availability of resources, arrangements for emergency work, Task Order reporting (work carried out and service results), assessment of additional Prices for *service* not included in the Price List etc.

Clause X19.6 requires information which should be included on a Task Order programme.

Further requirements for Task Orders include things to be provided by the *Employer* under a Task Order and the conditions under which the *Employer* or Others are to work.

## **21 Health and safety, the environment and quality assurance**

### **22 Health and safety risk management**

In addition to the requirements of the laws governing health and safety, Eskom may have some additional requirements particular to the *service* and the Affected Property for this contract. The text below provides for these being attached as an Annexure to this Service Information. PLEASE ALSO READ CORE CLAUSE 27.4 TOGETHER WITH Z7 IN THE ADDITIONAL CONDITIONS OF CONTRACT TO MAKE SURE THAT WHATEVER IS INCLUDED IN THE ANNEXURE FOLLOWS ON FROM THOSE CLAUSES.

The Divisional/Regional Safety Risk Manager or his representative having jurisdiction over the *service* must provide the relevant safety, health and environmental (SHE) criteria for incorporation into this Service Information. The SHE specification / scope must be signed off by the Divisional/Regional Safety Risk Manager or his representative confirming that the applicable safety criteria have been taken into account.

The Commodity Manager / Buyer must refer the tender to the Divisional/Regional Safety Risk Manager or his representative in order to evaluate against enquiry-specific safety criteria.

The Divisional Safety Risk Managers who will be responsible for the allocation of resources to assist P&SCM with the above processes are as follows:

- Generation: Roley McIntyre
- Transmission: Tony Patterson
- Distribution: Alex Stramrood
- Enterprises: Jace Naidoo
- Corporate: Kerseri Pather

The *Contractor* shall comply with the health and safety requirements contained in Annexure \_\_\_\_\_ to this Service Information.

## **23 Environmental constraints and management**

Describe or cross refer to environmental constraints applicable to the *Contractor's* plan and his activities on the Affected Property and how they should be managed. Include here or cross refer to an Annexure to the Service Information.

The *Contractor* shall comply with the environmental criteria and constraints stated in Annexure \_\_\_\_\_

**Specialized Maintenance, Repairs and Testing of portable Earthing Gear used within Limlanga Cluster on an as when required basis for a period 60 months.**

## 24 Quality assurance requirements

Specify minimum requirements for the *Contractor's* Quality Plan and Work Procedures or provide the *Employer's* Quality Plan if that is to be used. Make sure witness and hold points are identified generally and describe any particular requirements for QA outside the Affected Property. Indicate how the *Contractor's* QA documentation is to be submitted for acceptance and any conditions that need to be imposed relating to acceptance. State whether ISO compliance is a condition and if so which ISO standard shall apply.

## 25 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.

## 26 People

### 27 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.

### 28 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.

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

If the ASGI-SA requirements are to be included in this contract specify constraints which *Contractor* must comply with after contract award in regard to any ASGI-SA requirements. The ASGI-SA Compliance Schedule completed in the returnable tender schedules is reproduced here. If ASGI-SA does not apply, delete this paragraph.

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.

## 30 Subcontracting

### 31 Preferred subcontractors

TSC3 does not make use of nominated subcontracting, but the *Employer* may list which subcontractors or suppliers the *Contractor* is required to enter into subcontracts with. This is usually only required where specialist services need to be obtained from a particular supplier or group of suppliers in order to comply with operational standards.

### 32 Subcontract documentation, and assessment of subcontract tenders

Specify any constraints on how the *Contractor* is to prepare subcontract documentation, whether use of the NEC system is compulsory or not (compulsory is recommended) and how subcontract tenders are to be issued, received, assessed (using a joint report?) and awarded.

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### 33 Limitations on subcontracting

The *Employer* may require that the *Contractor* must subcontract certain specialised work, or that the *Contractor* shall not subcontract more than a specified proportion of the whole of the contract.

### 34 Attendance on subcontractors

State requirements for attendance on Subcontractors, if any

### 35 Plant and Materials

### 36 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.

### 37 Correction of defects

State any constraints when dealing with defective Plant and Materials such as how repairs are carried out - can the item be fixed up or must it be replaced by a new one.

### 38 Contractor's procurement of Plant and Materials

Specify any constraints on how the *Contractor* is to order, codify, expedite, freight, import, transport to the Affected Property and any other requirements for delivery and storage before installation. The *Employer* may require warranties from suppliers to be in favour of the *Employer* and not just to the *Contractor*. The *Employer* may also need schedules of vendor data for his own use after the end of the *service period*.

### 39 Tests and inspections before delivery

Core Clause 41.1 makes reference to the Service Information stating which Plant and Materials are to be inspected and tested before delivery. Specify any requirements particularly if such tests and inspections are to be carried out by agents of the *Employer* overseas.

### 40 Plant & Materials provided “free issue” by the Employer

List any Plant and Materials which are to be provided by the *Employer*.

State arrangements for collection by *Contractor* or delivery by others on behalf of the *Employer*, off loading, inspection, storage, care custody and control, return of unused Plant and Materials, etc. Always include a statement to the effect that ‘all other Plant and Materials are to be provided by the *Contractor*’.

### 41 Cataloguing requirements by the Contractor

State whether cataloguing is applicable, if it is, reference the requirements for cataloguing that need to be satisfied by the *Contractor* (consult Procurement Instruction Number 1 of 2018 – Incorporating Cataloguing into the Procurement Environment, Unique Identifier 240-1289988974).

### 42 Working on the Affected Property

This part of the Service Information addresses constraints, facilities, services and rules applicable to the *Contractor* whilst he is doing work on the Affected Property.

**Specialized Maintenance, Repairs and Testing of portable Earthing Gear used within Limlanga Cluster on an as when required basis for a period 60 months.****43 Employer's site entry and security control, permits, and site regulations**

Sites such as Koeberg Nuclear Power Station have very strict entrance requirements which tendering contractors need to allow for in their prices, and the *Contractor* has to comply with. State these or similar requirements here.

In addition to the above there may be other restrictions once on the site, plus rules relating to roads, walkways and the provision of barricades

**44 People restrictions, hours of work, conduct and records**

Restrictions and hours of work may apply on some sites. It is very important that the *Contractor* keeps records of his people working on the Affected Property, including those of his Subcontractors. State that the *Service Manager* shall have access to them at any time. These records may be needed when assessing compensation events.

**45 Health and safety facilities on the Affected Property**

Section 3 deals with contractual H & S requirements in addition to those of the OHSA Act. This section allows the *Employer* to state what measures are to be taken on the Affected Property by describing where First Aid facilities provided by the *Employer* are located and any other emergency arrangements. Do not use if already addressed in 2.3.

**46 Environmental controls, fauna & flora**

This sub-paragraph may not be required in a service contract or if these matters are dealt with in the general environmental requirements referred to in section 3 above.

**47 Cooperating with and obtaining acceptance of Others**

This sub-paragraph could be used to deal with two issues.

- 1) The cross reference from core clause 25.1 about cooperation generally as well as details about Others with whom the *Contractor* may be required to share the Affected Property. See clause 11.2(9) for the definition of Others.
- 2) Requirements for liaison with and acceptance from statutory authorities or inspection agencies.

**48 Records of Contractor's Equipment**

This sub-paragraph is intended to address how records are to be kept of Equipment on Site including whether it is owned or hired. Include any constraints about scaffolding, rigs, heavy lifts and cranes, including removal from the Affected Property.

**49 Equipment provided by the Employer**

Provide details of equipment (e.g. overhead cranes) made available for use by the employer and set out conditions relating thereto.

**50 Site services and facilities****51 Provided by the Employer**

This is a mandatory cross reference from clause 25.2 in TSC3. State what the *Employer* will provide in the way of power, water, waste disposal, telecomms, ablutions, fire protection and lighting (etc) on the Affected Property. Give hook up locations and any constraints on how the hook up is to be done. Always conclude by stating that the *Contractor* shall provide everything else necessary for Providing the Service.

**52 Provided by the Contractor**

Describe what the *Contractor* is to provide in the way of accommodation, laboratories, storage, vehicles and office equipment for the *Service Manager* and any restrictions or minimum requirements concerning the *Contractor's* own facilities. Also state what happens to these facilities upon completion of the contract.

**Specialized Maintenance, Repairs and Testing of portable Earthing Gear used within Limlanga Cluster on an as when required basis for a period 60 months.**

### 53 Control of noise, dust, water and waste

State requirements, if any.

### 54 Hook ups to existing works

State any constraints

### 55 Tests and inspections

#### 56 Description of tests and inspections

Describe the tests and inspections to be carried out by the *Contractor* and the *Service Manager* and others [40.1].

#### 57 Materials facilities and samples for tests and inspections

State what materials facilities and samples for tests and inspections the *Contractor* and the *Employer* are to provide, per core clause 40.2.

### 58 List of drawings

#### 59 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