



## NEC3 Supply Contract (SC3)

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

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

for **Supply, and delivery to site of Pneumatics Actuators  
to Matimba Power Station over a period of five years  
on as and when required basis**

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

## PART C1: AGREEMENTS & CONTRACT DATA

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## C1.1 Form of Offer & Acceptance

### Offer

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

### Supply, and delivery to site of Pneumatic actuators over a period of five years on as and when required basis at Matimba Power Station

The tenderer, identified in the Offer signature block, has

<i>either</i>	examined the documents listed in the Tender Data and addenda thereto as listed in the Returnable Schedules, and by submitting this Offer has accepted the Conditions of Tender.
<i>or</i>	examined the draft contract as listed in the Acceptance section and agreed to provide this Offer.

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 *Supplier* 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	
	Value Added Tax @ 15% is	
	The offered total of the amount due inclusive of VAT is <sup>1</sup>	
	(in words)	

This Offer may be accepted by the Purchaser 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 *Supplier* in the *conditions of contract* identified in the Contract Data.

Signature(s)

Name(s)

Capacity

**For the  
tenderer:**

(Insert name and address of organisation)

Date

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

Name &  
signature of  
witness

## Acceptance

By signing this part of this Form of Offer and Acceptance, the Purchaser identified below accepts the tenderer's Offer. In consideration thereof, the Purchaser shall pay the Supplier 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 Purchaser 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: Goods Information including Supply Requirements                   |

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 Purchaser 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 Purchaser'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  
Purchaser**

**Eskom Holdings SOC Ltd, Megawatt Park, Maxwell Drive, Sandton, Johannesburg,  
2199**

*(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.

**Schedule of Deviations to be completed by the *Purchaser* 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 Purchaser 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	N/A	N/A

By the duly authorised representatives signing this Schedule of Deviations below, the Purchaser 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 Purchaser 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 Purchaser**

Signature

Name

Capacity

On behalf  
of*(Insert name and address of organisation)*Name &  
signature  
of witness

Date

**Eskom Holdings SOC Ltd, Megawatt  
Park, Maxwell Drive, Sandton,  
Johannesburg, 2199**

**C1.2 SC3 Contract Data**

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

Clause	Statement	Data
1	<b>General</b>	
	The <i>conditions of contract</i> are the core clauses and the clauses for Options	
		<b>W1 : Dispute Resolution procedure</b> <b>X1: Price adjustment for inflation</b> <b>X2 Changes in the law</b> <b>X7: Delay damages</b> <b>Z: Additional conditions of contract</b>
	of the NEC3 Supply Contract (April 2013) <sup>2</sup>	(If the December 2009 edition is to be used delete April 2013 and replace by December 2013)
10.1	The <i>Purchaser</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.	
	Fax No.	
10.1	The <i>Supply Manager</i> is (name):	<b>Sivuyile Khwezi</b>
	Address	<b>Matimba Power Station</b>
	Tel	<b>014 763 8000</b>
	Fax	<b>N/A</b>
	e-mail	<b>khwezis@eskom.co.za</b>
11.2(13)	The <i>goods</i> are	<b>Pneumatic actuators</b>
11.2(13)	The <i>services</i> are	<b>The supply of Supply, and delivery to site of Pneumatic actuators to Matimba Power Station over a period of five years on as and when required basis</b>
11.2(14)	The following matters will be included in the Risk Register	<ol style="list-style-type: none"> <li><b>1. Time: Late Deliveries</b></li> <li><b>2. Safety: Non-Compliance to Eskom requirement and other requirements</b></li> <li><b>3. Quality: Non – Compliance to Eskom Quality requirements</b></li> </ol>

<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).

4. **Environment: Non-Compliance to environmental compliance obligations.**  
 5. **Other: Skills Development and Localisation.**

11.2(15)	The Goods Information is in	<b>Part 3: Scope of Work and all documents and drawings to which it makes reference.</b>
11.2(15)	The Supply Requirements as part of the Goods Information is in	<b>Annexure A to this Contract Data</b>
12.2	The <i>law of the contract</i> is the law of	<b>the Republic of South Africa</b>
13.1	The <i>language of this contract</i> is	<b>English</b>
13.3	The <i>period for reply</i> is	<b>5 working days</b>
<b>2</b>	<b>The <i>Supplier's</i> main responsibilities</b>	<b>Data required by this section of the core clauses is provided by the <i>Supplier</i> in Part 2 and terms in italics used in this section are identified elsewhere in this Contract Data.</b>
<b>3</b>	<b>Time</b>	
30.1	The <i>starting date</i> is:	<b>TBC</b>
30.1	The <i>delivery date</i> of the <i>goods</i> and <i>services</i> is:	<b>Goods shall be delivered as and when required basis over the period of five (5) years. On the dates to be stated in every purchasing order.</b>
30.2	The <i>Supplier</i> does not bring the <i>goods</i> to the Delivery Place more than one week before the Delivery Date.	<b>N/A</b>
31.1	The <i>Supplier</i> is to submit a first programme for acceptance within	<b>N/A</b>
32.2	The <i>Supplier</i> submits revised programmes at intervals no longer than	<b>N/A</b>
<b>4</b>	<b>Testing and defects</b>	
42	The <i>defects date</i> is	<b>2 weeks after Delivery.</b>
43.2	The <i>defect correction period</i> is	<b>4 weeks</b>
	except that the <i>defect correction period</i> for	<b>4 weeks</b>
	and the <i>defect correction period</i> for	<b>4 weeks</b>
42.2	The <i>defects access period</i> is	<b>5 days or as agreed by the parties involved</b>
	except that the <i>defect access period</i> for	<b>5 days or as agreed by the parties involved</b>
	and the <i>defect access period</i> for	<b>5 days or as agreed by the parties involved</b>
<b>5</b>	<b>Payment</b>	
50.1	The <i>assessment interval</i> is	<b>After each delivery and acceptance of the item/s.</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>As per Eskom payment terms applicable to Vendor registration”.</b>		
51.4	The <i>interest rate</i> is	<b>N/A</b>		
6	<b>Compensation events</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.		
7	<b>Title</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.		
9	<b>Termination and dispute resolution</b>			
94.1	The <i>Adjudicator</i> is	To be appointed when a dispute arises by mutual agreement of both parties. 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).		
94.2(3)	The <i>Adjudicator nominating body</i> is:	the Chairman of ICE-SA, a Division of the South African Institution of Civil Engineering, or its successor body (See <a href="http://www.ice-sa.org.za">www.ice-sa.org.za</a> )		
94.4(2)	The <i>tribunal</i> is:	<b>arbitration</b>		
94.4(5)	The <i>arbitration procedure</i> is	the latest edition of Rules for the Conduct of Arbitrations published by The Association of Arbitrators (Southern Africa) or its successor body.		
94.4(5)	The place where arbitration is to be held is	<b>Gauteng South Africa</b>		
	The person or organisation who will choose an arbitrator			
	- if the Parties cannot agree a choice or			
	- if the arbitration procedure does not state who selects an arbitrator, is	<b>the Chairman for the time being or his nominee of the Association of Arbitrators (Southern Africa) or its successor body.</b>		
10	<b>Data for Option clauses</b>			
X1	<b>Price adjustment for inflation</b>			
X1.1	The <i>base date</i> for indices is	<b>CPA.</b>		
	The proportions used to calculate the Price Adjustment Factor are:	<b>Proportion</b>	<b>linked to index for</b>	<b>Index prepared by</b>
		<b>80%</b>	<b>Material</b>	<b>SEIFSA G-1 (Mechanical Engineering)</b>
		<b>5%</b>	<b>Transport</b>	<b>SEIFSA L-2(B)</b>

		15%	Non-Adjustable	Fixed
X2	Changes in the law			
X2.1	A change in the law	is a compensation event if it occurs after the Contract Date		
X7	Delay damages			
X7.1	Delay damages for Delivery are	Delivery of	amount per day	
		Incorrect items or late deliveries	1% per day up to 10% of Purchasing order value	
Z	The additional conditions of contract are			
	Z1 to Z15 always apply for Eskom			

**Z1 Cession delegation and assignment**

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

**Z2 Joint ventures**

- Z2.1 If the *Supplier* 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 *Purchaser* for the performance of this contract.
- Z2.2 Unless already notified to the *Purchaser*, the persons or organisations notify the *Supply Manager* within two weeks of the Contract Date of the key person who has the authority to bind the *Supplier* on their behalf.
- Z2.3 The *Supplier* does not alter the composition of the joint venture, consortium or other unincorporated grouping of two or more persons without the consent of the *Purchaser* having been given to the *Supplier* in writing.

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

- Z3.1 Where a change in the *Supplier's* legal status, ownership or any other change to his business composition or business dealings results in a change to the *Supplier's* B-BBEE status, the *Supplier* notifies the *Purchaser* within seven days of the change.

- Z3.2 The *Supplier* is required to submit an updated verification certificate and necessary supporting documentation confirming the change in his B-BBEE status to the *Supply Manager* within thirty days of the notification or as otherwise instructed by the *Supply Manager*.
- Z3.3 Where, as a result, the *Supplier's* B-BBEE status has decreased since the Contract Date the *Purchaser* may either re-negotiate this contract or alternatively, terminate the *Supplier's* obligation to Provide the Goods and Services.
- Z3.4 Failure by the *Supplier* to notify the *Purchaser* of a change in its B-BBEE status may constitute a reason for termination. If the *Purchaser* terminates in terms of this clause, the procedures on termination are P1, P2 and P3 as stated in clause 92, and the amount due is A1 and A3 as stated in clause 93.

## **Z4 Confidentiality**

- Z4.1 The *Supplier* 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 *Supplier*, enters the public domain or to information which was already in the possession of the *Supplier* at the time of disclosure (evidenced by written records in existence at that time). Should the *Supplier* disclose information to Others in terms of clause 23.1, the *Supplier* ensures that the provisions of this clause are complied with by the recipient.
- Z4.2 If the *Supplier* is uncertain about whether any such information is confidential, it is to be regarded as such until notified otherwise by the *Supply Manager*.
- Z4.3 In the event that the *Supplier* is, at any time, required by law to disclose any such information which is required to be kept confidential, the *Supplier*, to the extent permitted by law prior to disclosure, notifies the *Purchaser* 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 *Supplier* 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 *goods* or any portion thereof, in the course of Providing the Goods and Services and after Delivery, requires the prior written consent of the *Supply Manager*. All rights in and to all such images vests exclusively in the *Purchaser*.
- Z4.5 The *Supplier* 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 *Supply 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 25.4**

- Z6.1 The *Supplier* undertakes to take all reasonable precautions to maintain the health and safety of persons in and about the provision of the *goods* and execution of the *services*.

Without limitation the *Supplier*:

- warrants that the total of the Prices as at the Contract Date includes a sufficient amount for proper compliance with 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 supply and
- undertakes, in and about the execution of the supply, to comply 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 *Supplier's* direction and control, likewise observe and comply with the foregoing.

Z6.2 The *Supplier*, in and about the execution of the supply, 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 *Supplier'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 *Supply Manager* in terms of core clause 51.1, the *Supplier* provides the *Purchaser* with a tax invoice in accordance with the *Purchaser's* procedures stated in the Goods Information, showing the amount due for payment equal to that stated in the payment certificate.
- Z7.2 If the *Supplier* does not provide a tax invoice in the form and by the time required by this contract, the time by when the *Purchaser* 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 *Purchaser* in terms of core clause 51.2 is then calculated from the delayed date by when payment is to be made.
- Z7.3 The *Supplier* (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 *Purchaser's* VAT number 4740101508 on each invoice he submits for payment.

## **Z8 Notifying compensation events**

- Z8.1 Delete from the last sentence in core clause 61.3 the words, "unless the event arises from the *Supply Manager* giving an instruction, changing an earlier decision or correcting an assumption".

## **Z9 Purchaser's limitation of liability**

- Z9.1 The *Purchaser's* liability to the *Supplier* for the *Supplier's* indirect or consequential loss is limited to R0.00 (zero Rand)
- Z9.2 The *Supplier's* entitlement under the indemnity in 83.1 is provided for in 60.1(12) and the *Purchaser's* liability under the indemnity is limited.

## **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 Addition to secondary Option X7 Delay damages (if applicable in this contract)**

- Z11.1 If the amount due for the *Supplier's* payment of delay damages reaches the limits stated in this Contract Data for Option X7, the *Purchaser* may terminate the *Supplier's* obligation to Provide the Goods and Services using the same procedures and payment on termination as those applied for reasons R1 to R15 or R18 stated in the Termination Table.

**Z12 Ethics**

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

<b>Affected Party</b>	means, as the context requires, any party, irrespective of whether it is the <i>Supplier</i> or a third party, such party's employees, agents, or Subcontractors or Subcontractor's employees, or any one or more of all of these parties' relatives or friends,
<b>Coercive Action</b>	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,
<b>Collusive Action</b>	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,
<b>Committing Party</b>	means, as the context requires, the <i>Supplier</i> , or any member thereof in the case of a joint venture, or its employees, agents, or Subcontractors or the Subcontractor's employees,
<b>Corrupt Action</b>	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,
<b>Fraudulent Action</b>	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,
<b>Obstructive Action</b>	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
<b>Prohibited Action</b>	means any one or more of a Coercive Action, Collusive Action Corrupt Action, Fraudulent Action or Obstructive Action.

Z12.1 A Committing Party may not take any Prohibited Action during the course of the procurement of this contract or in execution thereof.

Z12.2 The *Purchaser* may terminate the *Supplier's* obligation to Provide the Services if a Committing Party has taken such Prohibited Action and the *Supplier* did not take timely and appropriate action to prevent or remedy the situation, without limiting any other rights or remedies the *Purchaser* 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 *Purchaser* can terminate the *Supplier's* obligation to Provide the Services for this reason.

Z12.3 If the *Purchaser* terminates the *Supplier'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.

Z12.4 A Committing Party co-operates fully with any investigation pursuant to alleged Prohibited Action. Where the *Purchaser* does not have a contractual bond with the Committing Party, the *Supplier* ensures that the Committing Party co-operates fully with an investigation.

**Z13 Insurance****Z 13.1 Replace core clause 84 with the following:****Insurance cover 84**

**84.1** 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.

- 84.2** The *Supplier* provides the insurances stated in the Insurance Table A for events which are at the *Supplier's* risk from the *starting date* until the last *defects date* or a termination certificate has been issued.

**INSURANCE TABLE A**

<b>Insurance against</b>	<b>Minimum amount of cover or minimum limit of indemnity</b>
Loss of or damage to the <i>goods</i> , plant and materials	The replacement cost where not covered by the <i>Purchaser's</i> insurance.  The <i>Purchaser's</i> policy deductible as at Contract Date, where covered by the <i>Purchaser's</i> insurance.
Liability for loss of or damage to property (except the <i>goods</i> , plant and materials and equipment) and liability for bodily injury to or death of a person (not an employee of the <i>Supplier</i> ) caused by activity in connection with this contract	<b><u>Loss of or damage to property</u></b> <b><u>Purchaser's property</u></b> The replacement cost where not covered by the <i>Purchaser's</i> insurance.  The <i>Purchaser's</i> policy deductible as at Contract Date, where covered by the <i>Purchaser's</i> insurance.  <b><u>Other property</u></b> The replacement cost  <b><u>Death of or bodily injury</u></b> The amount required by the applicable law.
Liability for death of or bodily injury to employees of the <i>Supplier</i> arising out of and in the course of their employment in connection with this contract	The amount required by the applicable law

**Z 13.2 Replace core clause 87 with the following:****Insurance by  
the *Purchaser***

87

87.1 The *Purchaser* 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 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
Cyber Liability	Per the insurance policy document
Nuclear Material Damage and Business Interruption	Per the insurance policy document

Nuclear Material Damage Terrorism	Per the insurance policy document
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## **Z14 Nuclear Liability**

- Z14.1 The *Purchaser* 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.
- Z14.2 The *Purchaser* is solely responsible for and indemnifies the *Supplier* or any other person against any and all liabilities which the *Supplier* 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 *Supplier* or any other person or the presence of the *Supplier* or that person or any property of the *Supplier* or such person at or in the KNPS or on the KNPS site, without the permission of the *Purchaser* or of a person acting on behalf of the *Purchaser*.
- Z14.3 Subject to clause Z14.4 below, the *Purchaser* 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 *Supplier* or any other person, or the presence of the *Supplier* or that person or any property of the *Supplier* or such person at or in the KNPS or on the KNPS site, without the permission of the *Purchaser* or of a person acting on behalf of the *Purchaser*.
- Z14.4 The *Purchaser* 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.
- Z14.5 The protection afforded by the provisions hereof shall be in effect until the KNPS is decommissioned.

## **Z15 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.

<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>Purchaser'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, normalised to the baseline of a 4 hour continuous period, also applicable to short term exposures, i.e. 10-minute TWA.

- Z15.1 The *Purchaser* ensures that the Ambient Air in the area where the *Supplier* 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.
- Z15.2 Upon written request by the *Supplier*, the *Purchaser* 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 *Supplier* may perform Parallel Measurements and related control measures at the *Supplier'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 Z15.1. Control measures conform to the requirements stipulated in the AAIA-approved asbestos work plan.
- Z15.3 The *Purchaser* manages asbestos and ACM according to the Standard.
- Z15.4 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.
- Z15.5 The *Supplier'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.
- Z15.6 The *Supplier* 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.
- Z15.7 Any removal and disposal of asbestos, asbestos containing materials and waste, is done by a registered asbestos contractor, instructed by the *Purchaser* at the *Purchaser's* expense, and conducted in line with South African legislation.

## Annexure A: Supply Requirements

[Notes: The example given in the NEC3 Supply Contract Guidance Notes pages 15 to 20 inclusive is based on Incoterms 2000. However users will probably wish to use Incoterms 2010 which the details below are based on. Users may need to adjust the information to comply with actual requirements. First decide whether Incoterms will be used or not, then delete the arrangement below which does not apply and delete these notes]

## The Supply Requirements for this contract are based on the use of INCOTERMS:

The *Supplier* supplies the *goods* in accordance with INCOTERMS 2010<sup>3</sup> as follows:

[Select the group and then term within the group which applies and state the applicable delivery place. Delete all the other groups and this note]

Group	Category	Term	Delivery Place
E	departure	EXW	
F	main carriage unpaid	FCA, FAS, FOB	
C	main carriage paid	CFR, CIF, CPT, CIP	
D	arrival	DAT, DAP, DDP	DDP

The Parties obligations described in Incoterms for the category and term selected are now incorporated into this contract as part of the Supply Requirements and hence the Goods Information.

The obligations of seller and buyer for the selected Incoterm determine each Party's costs, risks and insurance requirements incidental to the supply and transport of the *goods* from *Supplier* to *Purchaser*.

For each of the thirteen terms, Incoterms set out obligations of the seller (the *Supplier*) in ten paragraphs identified as A1 to A10 and the corresponding obligations of the buyer (the *Purchaser*) in paragraphs B1 to B10. These obligations cover the following subjects:

A	The <i>Supplier's</i> obligations	B	The <i>Purchaser's</i> obligations
A1	Provision of goods in conformity with contract	B1	Payment of the price
A2	Licences, authorisations and formalities	B2	Licences, authorisations and formalities
A3	Contracts of carriage and insurance	B3	Contracts of carriage and insurance
A4	Delivery	B4	Taking delivery
A5	Transfer of risks	B5	Transfer of risks
A6	Division of costs	B6	Division of costs
A7	Notice to the buyer	B7	Notice to the seller
A8	Proof of delivery, transport document or equivalent electronic message	B8	Proof of delivery, transport document or equivalent electronic message
A9	Checking - packing - marking	B9	Inspection of goods
A10	Other obligations	B10	Other obligations

[Should there be a need to amplify any of the published obligations listed above for the chosen INCOTERM, add them here.]

All other information NOT pertinent to the above is given in the balance of the Goods Information

<sup>3</sup> International Chamber of Commerce, Incoterms 2010, Paris, January 2011

**The Supply Requirements for this contract are as follows:**

[Use these when INCOTERMS do not apply].

<b>1. The requirements for the supply are</b>	[State the constraints on how the <i>Supplier</i> manufactures, prototypes, tests and stores the <i>goods</i> including order and timing]	
<b>2. The requirements for transport are</b>	[State the extent to which the <i>Supplier</i> transports the <i>goods</i> and the mode of transport]	
<b>3. The delivery place is</b>	[State the location where the <i>goods</i> are to be placed by the <i>Supplier</i> , such as whether it is a dispatch department at the <i>Supplier's</i> premises, the <i>Purchaser</i> is to collect or other location the <i>Purchaser</i> may require. If the delivery place for the <i>services</i> is different to the <i>goods</i> state it here]	
<b>4. Actions of the Parties during supply</b>	<b>Action</b>	<b>Party which does it</b>
	Giving notice of Delivery	
	Checking packing and marking before dispatch	
	Contracting for transport	
	Pay costs of transport	
	Arrange access to delivery place	
	Loading the <i>goods</i>	
	Unloading the <i>goods</i>	
<b>For international procurement</b>	Undertake export requirements	
	Undertake import requirements	
<b>5. Information to be provided by the <i>Supplier</i></b>	<b>Title of document</b>	
	Packing lists for cases and their contents	
	Copy of invoice for the <i>goods</i>	
	Delivery Note	
	Test results and maintenance manuals	
<b>For international procurement</b>	Licences, authorisations and other formalities associated with export of the <i>goods</i>	
	Air Waybill or Bill of Lading with associated landing, delivery and forwarding order	
	The Bill of Entry endorsed by the importation authority	
	Customs work sheets, showing tax, duties and surcharges which the law of the country into which the <i>goods</i> are being imported requires the importer to pay	
	Invoice from the importation clearing agent showing airline fees, landing charges, wharfage and dock dues as applicable	
	Specify other import documents required by authorised officials.	

All other information NOT pertinent to the above is given in the balance of the Goods Information

## C1.2 Contract Data

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

Clause	Statement	Data
10.1	The <i>Supplier</i> is (Name):  Address    Tel No.  Fax No.	
11.2(8)	The Goods Information for the <i>Supplier's</i> design is in:	
11.2(11)	The tendered total of the Prices is	
11.2(12)	The <i>price schedule</i> is in:	
11.2(14)	The following matters will be included in the Risk Register	N/A
25.2	The restrictions to access for the <i>Supply Manager</i> and Others to work being done for this contract are	N/A
30.1	The <i>delivery date</i> of the goods and services is:	Stated in every purchasing order.
31.1	The programme identified in the Contract Data is contained in:	N/A
63.2	The <i>percentage for overheads and profit</i> added to the Defined Cost is	N/A

PART 2: PRICING DATA

NEC3 Supply Contract

Document reference	Title	No of pages
C2.1	Pricing assumptions	2
C2.2	The <i>price schedule</i>	[•]

## C2.1 Pricing assumptions

### How *goods* and *services* are priced and assessed for payment

Clause 11 in NEC3 Supply Contract, (SC3) core clauses states:

<b>Identified and defined terms</b>	11	
	11.2	(11) The Prices are the amounts stated in the price column of the Price Schedule. Where a quantity is stated for an item in the Price Schedule, the Price is calculated by multiplying the quantity by the rate.
		(12) The Price Schedule is the <i>price schedule</i> unless later changed in accordance with this contract.
<b>Assessing the amount due</b>	50.2	The amount due is
		<ul style="list-style-type: none"> <li>the Price for each lump sum item in the Price Schedule which the <i>Supplier</i> has completed,</li> <li>where a quantity is stated for an item in the Price Schedule, an amount calculated by multiplying the quantity which the <i>Supplier</i> has completed by the rate,</li> <li>plus other amounts to be paid to the <i>Supplier</i>,</li> <li>less amounts to be paid by or retained from the <i>Supplier</i>.</li> </ul>
		Any tax which the law requires the <i>Purchaser</i> to pay to the <i>Supplier</i> is included in the amount due.

This confirms that the Supply Contract is a priced contract where the Prices are derived from a list of items of *goods* and *services* which can be priced as lump sums or as expected quantities of *goods* and *services* multiplied by a rate, or a mix of both.

### Function of the Price Schedule

Clause 53.1 states: "Information in the Price Schedule is not Goods Information". This confirms that instructions to do work or how it is to be done are not included in the Price Schedule but in the Goods Information. This is further confirmed by Clause 20.1 which states, "The *Supplier* Provides the Goods and Services in accordance with the Goods Information". Hence the *Supplier* does **not** Provide the Goods and Services in accordance with the Price Schedule. The Price Schedule is only a pricing document.

### Preparing the *price schedule*

Items in the *price schedule* may have been inserted by the *Purchaser* and the tendering supplier should insert any additional items which he considers necessary. Whichever party provides the items in the *price schedule* the total of the Prices is assumed to be fully inclusive of everything necessary to Provide the Goods and Services as described at the time of entering into this contract.

It will be assumed that the tendering supplier has

- Read Pages 8, 11, 12 and Appendix 5 of the SC3 Guidance Notes before preparing the *price schedule*;
- Included in his Prices and rates for correction of Defects (core clause 43.1) as there is no compensation event for this unless the Defect is due to a *Supplier's* risk;

- Spread the cost of doing work he chooses not to list as separate items in the *price schedule* across other Prices and rates in order to fulfil the obligation to Provide the Goods and Services for the tendered total of the Prices;
- Understood that there is no adjustment to lump sum prices in the *price schedule* if the amount, or quantity, of work within that lump sum item later turns out to be different to that which the *Supplier* estimated at time of tender. The only basis for a change to the Prices is as a result of a compensation event per clause 60.1;
- Understood that the *Supplier* does not have to allow in his Prices and rates for matters that may arise as a result of a compensation event.

### **Format of the *price schedule***

Entries in the first four columns in the *price schedule* in section C2.2 are made either by the *Purchaser* or the tendering supplier.

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

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

If the *Supplier* is to be paid an amount for an item proportional to the length of time for which the *goods* and *services* are provided, a unit of time is stated in the Unit column and the length of time (as a quantity of the stated units of time) is stated in the Quantity column.

## C2.2 the *price schedule*

Item Nr.	Material	Material Description	Unit of Measure	Est.Qty 5Yrs	Total Value
1	0564380	BREATHER: TYPE: FILTER; MATERIAL: POLYAMIDE; DIMENSIONS: DIA 118 X LG 131 MM; REFERENCE NO: HC0293SEE5; USED ON HNP022 OIL PURIFIER; NON-CORRODE WITH OLEO PHOBIC RESIN-BONDED FILTER FIBRES	EA	25	
2	0612902	BREATHER: TYPE: SPIN ON; MATERIAL: STL; DIMENSIONS: 1.5 IN; CONNECTION: BSP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	15	
3	0246203	ACTUATOR, PNEUMATIC: DIMENSIONS: LG 150 MM; PRESSURE RATING: 8 BAR; 120 PSI; TRAVEL: 1/4 IN; OPERATED: AIR; SUPPL P/N: C20R3M-SS-E; TO BE SUPPLIED WITH AN ADAPTOR AND MOUNTING BRACKET THAT CAN EASILY CONNECT TO A 50 MM OKUMURA BUTTERFLY VALVE	EA	20	
4	0669183	ACTUATOR, PNEUMATIC: DIMENSIONS: DIA 160 X LG 515 MM; PRESSURE RATING: 4 BAR; TRAVEL: 90 DEG; OPERATED: ELECTRO POSITIONER; MATERIAL: STAINLESS STEEL; SCOTCH YOKE WITH YTS ELECTRO PNEUMATIC POSITIONER FITTED TO 400MM EPDM LINED BUTTERFLY VALVE; STAINLESS STEEL DISC; WAFER TYPE; PN10; SIZED AT 4BAR INSTRUMENT AIR PRESSURE AND 10 BAR LINE PRESSURE; MATERIAL DATA SHEET TO BE SUPPLIED ON DELIVERY	EA	10	
5	0669188	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 150 X LG 255 X HT 100 MM; PRESSURE RATING: 6 BAR; TRAVEL: 90 DEG; OPERATED: AIR; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: BOLTED M12; INLET CONNECTION SIZE: 76 MM; OUTLET CONNECTION TYPE: BOLTED M12; OUTLET CONNECTION SIZE: 76 MM; COMPLETE WITH YTC POSITIONER (YT1200RS52250)	EA	20	
6	614641	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 168 X LG 320 X HT 160 MM; PRESSURE RATING: 6 BAR; TRAVEL: 90 DEG C; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; 150/90 DE ROTOR; DOUBLE ACTING ACTUATOR; 61.8KGM; TORQUE: 13.1KG; 1600CM3 AIR CONSUMPTION; FOR RESIN TRANSFER VALVES	EA	10	

CONTRACT TITLE: SUPPLY AND DELIVERY OF PNEUMATIC ACTUATORS TO MATIMBA POWER STATION OVER A PERIOD OF FIVE (5) YEARS ON AN AS-AND-WHEN REQUIRED.

7	727602	ACTUATOR, PNEUMATIC: DIMENSIONS: LG 400 MM; PRESSURE RATING: 10 BAR; TRAVEL: 90 DEGREE; OPERATED: AIR; OEM P/N: RC260-SR087; ACTUATOR: F12/F10-27; USED ON BUTTERFLY VALVE; TORQUE OUTPUT: 4400NM; MAX VOLUME: 2.88l; AIR TO OPEN; SPRING TO CLOSE; COMPLETE WITH MOUNTING BRACKET AND COUPLER TO CONNECT TO A 200MM	EA	20	
8	732136	ACTUATOR, PNEUMATIC: DIMENSIONS: 145 X 130 MM; PRESSURE RATING: 10 BAR; TRAVEL: 90 DEG; OPERATED: AIR; TO BE DELIVERED WITH A 100MM DIAPHRAGM VALVE (TYPE: WEIR); DIAPHRAGM MATERIAL: RUBBER GR B; TEMPARATURE RATING:	EA	15	
9	0528068	BLOWER: TYPE: AIR/ROTARY; CAPACITY: 103 M3/HR; SIZE: WD 252 X LG 248 X HT 223 MM; POTENTIAL: 380 V; CURRENT: 15 A; POWER: 11 KW; REFERENCE NO: RBS 15/V; HORIZONTALLY MOUNTED; MOUNTING FEET CENTRE DISTANCE 175 MM; 4 HOLES X 13 MM DIAMETER; FLANGE FACE TO FACE 222 MM; CONNECTION FLANGE: 4 HOLES X 125 PCD; HOLES SIZE 18 MM; DRIVE SHAFT SIZE 24 MM; OIL LUBRICATED; SIGHT GLASS ON DE & NDE; TO BE SUPPLIED WITH MOUNTING FEET; EXCCO 4001; FILTED INLET; PRESSURE: 72 KPA; FLOW: 107 M3/HR	EA	15	
10	0500935	BLOWER: LOBE BLOWER; MIN 1980; MAX 3810 M3	EA	10	
11	0615749	BLOWER: POSITIVE ROTARY; 0.36 CM3/S; 100 MM	EA	20	
12	0564447	BREATHING: AIR FILTER; OD 80 X LG 60 MM	EA	120	
13	0564062	BREATHING: AIR INDICATOR; POLYCARBONATE	EA	20	
14	0642846	BREATHING: AIR; POLYPROPYLENE; MBSP 3/4 IN	EA	100	
15	0501569	BREATHING: AIR; POLYPROPYLENE; 1-1/2 IN	EA	10	
16	0593554	BREATHING: AIR; PP OLEOPHOBIC	EA	100	
17	0640682	BREATHING: DESICCANT DC-2; PLASTIC	EA	100	
18	0671858	BREATHING: FEED WATER SYSTEM; BSP 3/4 IN	EA	180	
19	0256672	BREATHING: FILTER AIR; PAPER; G3/4 IN	EA	20	
20	0592752	BREATHING: PLASTIC; DC-3; 1-1/2 IN	EA	50	
21	0024771	BREATHING: PUROLATOR; PAPER	EA	200	
22	0052896	BREATHING: SILICA GEL; AL/GLASS; THD	EA	50	
23	0052895	BREATHING: TYPE: TRANSFORMER; MATERIAL: PLASTIC; CONNECTION: BSP 3/4 IN; MODEL NO: TX2; REFERENCE NO: 291002; OIL CAPACITY IN LITRES: 3000, WEIGHT 0.900 KG, BLUE GEL;	EA	20	

CONTRACT TITLE: SUPPLY AND DELIVERY OF PNEUMATIC ACTUATORS TO MATIMBA POWER STATION OVER A PERIOD OF FIVE (5) YEARS ON AN AS-AND-WHEN REQUIRED.

24	0596795	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 82 X LG 160 X HT 91 MM; PRESSURE RATING: 6 BAR; TRAVEL: 90 DEG; OPERATED: AIR; OEM P/N: 75/90DE; ROTOR TYPE; BUTTERFLY VALVE; VALVE SIZE: 50MM	EA	10	
25	0610223	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 259 X LG 532 X HT 231 MM; PRESSURE RATING: 0-6 BAR; TRAVEL: 50.3 MM; OPERATED: SPRING RETURN; MATERIAL: AL ALLOY; INLET CONNECTION TYPE: FLANGE; INLET CONNECTION SIZE: 1/4 IN; OUTLET CONNECTION TYPE: FLANGE; OUTLET CONNECTION SIZE: 1/4 IN; OEM P/N: ES950M2A05A36DO; METRIC ISO5211; WITH STANDARD PAINT SPECIFICATION; DOUBLE STROKE ADJUSTMENT LIMIT STOPS; STANDARD TEMPERATURE RANGE BELOW 80 DEG C	EA	50	
26	0610224	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 259 X LG 440 X HT 231 MM; PRESSURE RATING: 0-6 BAR; TRAVEL: 50.3 MM; OPERATED: DOUBLE ACTING; MATERIAL: AL ALLOY; INLET CONNECTION TYPE: FLANGE; OUTLET CONNECTION TYPE: FLANGE; OEM P/N: P-ED950M2A00A36DO	EA	20	
27	0605285	ACTUATOR, PNEUMATIC: DIMENSIONS: 185 X 115 MM; PRESSURE RATING: 8 BAR; TRAVEL: 90 DEG; OPERATED: AIR; MATERIAL: ALUMINIUM; MODEL NO: C30SR-3MET; AIR TO OPEN; SPRING TO CLOSE; COMPLETE WITH MOUNTING BRACKET & COUPLER TO CONNECT TO A 100 MM BUTTERFLY/WAFER VALVE	EA	10	
28	0615040	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 220 X LG 655 X HT 282 MM; PRESSURE RATING: 2-10 BAR; TRAVEL: 0-90 DEG; OPERATED: SPRING TO CLOSE; MATERIAL: ALUMINIUM; REFERENCE NO: RC270; HOUSING IN ANODISED; SUPPLY WITH MOUNTING BRACKET & COUPLING FOR 500MM BUTTERFLY VALVE; DEMIN STORAGE TANK-RECYCLE	EA	10	
29	0246204	ACTUATOR, PNEUMATIC: DIMENSIONS: LG 268 MM; PRESSURE RATING: 10 BAR; 1 MPA; 150 PSI; TRAVEL: 0-90 DEG; OPERATED: AIR; MATERIAL: STL; SUPPL P/N: RC240-DA-ST-N-RA-1-XP-SD-A; DOUBLE ACTING; FACE TO FACE: 225MM; PCD: 190MM; SHAFT SIZE: M16 THREADED SQUARE; DOUBLE ACTING (AIR TO CLOSE & OPEN) TO BE SUPPLIED WITH AN ADAPTOR AND MOUNTING BRACKETS SUITABLE TO CONNECT TO 100 MM IPV BALL VALVE	EA	15	

CONTRACT TITLE: SUPPLY AND DELIVERY OF PNEUMATIC ACTUATORS TO MATIMBA POWER STATION OVER A PERIOD OF FIVE (5) YEARS ON AN AS-AND-WHEN REQUIRED.

30	0615044	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 283 MM X LG 1.2 M X HT 220 MM; PRESSURE RATING: 2-10 BAR; TRAVEL: 90 DEG C; OPERATED: SPRING TO CLOSE; MATERIAL: ALUMINIUM; REFERENCE NO: RC280; TO BE SUPPLIED WITH MOUNTING BRACKET & COUPLING FO 600MM BUTTERFLY VALVE	EA	10	
31	615962	ACTUATOR, PNEUMATIC: DIMENSIONS: 914 CM2; PRESSURE RATING: 30-120 PSI; TRAVEL: 0-90 DEG; OPERATED: PISTON; REFERENCE NO: C45 SR	EA	15	

The total of the Prices

## PART 3: SCOPE OF WORK

Document reference	Title	No of pages
	This cover page	1
C3.1	<i>Purchaser's</i> Goods Information	
C3.2	<i>Supplier's</i> Goods Information	
	Total number of pages	

**C3.1: PURCHASER'S GOODS INFORMATION**

Item Nr.	Material	Material Description	Unit of Measure
1	0564380	BREATHER: TYPE: FILTER; MATERIAL: POLYAMIDE; DIMENSIONS: DIA 118 X LG 131 MM; REFERENCE NO: HC0293SEE5; USED ON HNP022 OIL PURIFIER; NON-CORRODE WITH OLEO PHOBIC RESIN-BONDED FILTER FIBRES	EA
2	0612902	BREATHER: TYPE: SPIN ON; MATERIAL: STL; DIMENSIONS: 1.5 IN; CONNECTION: BSP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
3	0246203	ACTUATOR, PNEUMATIC: DIMENSIONS: LG 150 MM; PRESSURE RATING: 8 BAR; 120 PSI; TRAVEL: 1/4 IN; OPERATED: AIR; SUPPL P/N: C20R3M-SS-E; TO BE SUPPLIED WITH AN ADAPTOR AND MOUNTING BRACKET THAT CAN EASILY CONNECT TO A 50 MM OKUMURA BUTTERFLY VALVE	EA
4	0669183	ACTUATOR, PNEUMATIC: DIMENSIONS: DIA 160 X LG 515 MM; PRESSURE RATING: 4 BAR; TRAVEL: 90 DEG; OPERATED: ELECTRO POSITIONER; MATERIAL: STAINLESS STEEL; SCOTCH YOKE WITH YTS ELECTRO PNEUMATIC POSITIONER FITTED TO 400MM EPDM LINED BUTTERFLY VALVE; STAINLESS STEEL DISC; WAFER TYPE; PN10; SIZED AT 4BAR INSTRUMENT AIR PRESSURE AND 10 BAR LINE PRESSURE; MATERIAL DATA SHEET TO BE SUPPLIED ON DELIVERY	EA
5	0669188	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 150 X LG 255 X HT 100 MM; PRESSURE RATING: 6 BAR; TRAVEL: 90 DEG; OPERATED: AIR; MATERIAL: ALUMINIUM; INLET CONNECTION TYPE: BOLTED M12; INLET CONNECTION SIZE: 76 MM; OUTLET CONNECTION TYPE: BOLTED M12; OUTLET CONNECTION SIZE: 76 MM; COMPLETE WITH YTC POSITIONER (YT1200RS52250)	EA
6	614641	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 168 X LG 320 X HT 160 MM; PRESSURE RATING: 6 BAR; TRAVEL: 90 DEG C; OPERATED: PNEUMATIC; MATERIAL: ALUMINIUM; 150/90 DE ROTOR; DOUBLE ACTING ACTUATOR; 61.8KGM; TORQUE: 13.1KG; 1600CM3 AIR CONSUMPTION; FOR RESIN TRANSFER VALVES	EA

7	727602	ACTUATOR, PNEUMATIC: DIMENSIONS: LG 400 MM; PRESSURE RATING: 10 BAR; TRAVEL: 90 DEGREE; OPERATED: AIR; OEM P/N: RC260-SR087; ACTUATOR: F12/F10-27; USED ON BUTTERFLY VALVE; TORQUE OUTPUT: 4400NM; MAX VOLUME: 2.88l; AIR TO OPEN; SPRING TO CLOSE; COMPLETE WITH MOUNTING BRACKET AND COUPLER TO CONNECT TO A 200MM	EA
8	732136	ACTUATOR, PNEUMATIC: DIMENSIONS: 145 X 130 MM; PRESSURE RATING: 10 BAR; TRAVEL: 90 DEG; OPERATED: AIR; TO BE DELIVERED WITH A 100MM DIAPHRAGM VALVE (TYPE: WEIR); DIAPHRAGM MATERIAL: RUBBER GR B; TEMPARATURE RATING:	EA
9	0528068	BLOWER: TYPE: AIR/ROTARY; CAPACITY: 103 M3/HR; SIZE: WD 252 X LG 248 X HT 223 MM; POTENTIAL: 380 V; CURRENT: 15 A; POWER: 11 KW; REFERENCE NO: RBS 15/V; HORIZONTALLY MOUNTED; MOUNTING FEET CENTRE DISTANCE 175 MM; 4 HOLES X 13 MM DIAMETER; FLANGE FACE TO FACE 222 MM; CONNECTION FLANGE: 4 HOLES X 125 PCD; HOLES SIZE 18 MM; DRIVE SHAFT SIZE 24 MM; OIL LUBRICATED; SIGHT GLASS ON DE & NDE; TO BE SUPPLIED WITH MOUNTING FEET; EXCCO 4001; FILTED INLET; PRESSURE: 72 KPA; FLOW: 107 M3/HR	EA
10	0500935	BLOWER: LOBE BLOWER; MIN 1980; MAX 3810 M3	EA
11	0615749	BLOWER: POSITIVE ROTARY; 0.36 CM3/S; 100 MM	EA
12	0564447	BREATHING: AIR FILTER; OD 80 X LG 60 MM	EA
13	0564062	BREATHING: AIR INDICATOR; POLYCARBONATE	EA
14	0642846	BREATHING: AIR; POLYPROPYLENE; MBSP 3/4 IN	EA
15	0501569	BREATHING: AIR; POLYPROPYLENE; 1-1/2 IN	EA
16	0593554	BREATHING: AIR; PP OLEOPHOBIC	EA
17	0640682	BREATHING: DESICCANT DC-2; PLASTIC	EA
18	0671858	BREATHING: FEED WATER SYSTEM; BSP 3/4 IN	EA
19	0256672	BREATHING: FILTER AIR; PAPER; G3/4 IN	EA
20	0592752	BREATHING: PLASTIC; DC-3; 1-1/2 IN	EA
21	0024771	BREATHING: PUROLATOR; PAPER	EA
22	0052896	BREATHING: SILICA GEL; AL/GLASS; THD	EA
23	0052895	BREATHING: TYPE: TRANSFORMER; MATERIAL: PLASTIC; CONNECTION: BSP 3/4 IN; MODEL NO: TX2; REFERENCE NO: 291002; OIL CAPACITY IN LITRES: 3000, WEIGHT 0.900 KG, BLUE GEL;	EA

24	0596795	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 82 X LG 160 X HT 91 MM; PRESSURE RATING: 6 BAR; TRAVEL: 90 DEG; OPERATED: AIR; OEM P/N: 75/90DE; ROTOR TYPE; BUTTERFLY VALVE; VALVE SIZE: 50MM	EA
25	0610223	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 259 X LG 532 X HT 231 MM; PRESSURE RATING: 0-6 BAR; TRAVEL: 50.3 MM; OPERATED: SPRING RETURN; MATERIAL: AL ALLOY; INLET CONNECTION TYPE: FLANGE; INLET CONNECTION SIZE: 1/4 IN; OUTLET CONNECTION TYPE: FLANGE; OUTLET CONNECTION SIZE: 1/4 IN; OEM P/N: ES950M2A05A36DO; METRIC ISO5211; WITH STANDARD PAINT SPECIFICATION; DOUBLE STROKE ADJUSTMENT LIMIT STOPS; STANDARD TEMPERATURE RANGE BELOW 80 DEG C	EA
26	0610224	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 259 X LG 440 X HT 231 MM; PRESSURE RATING: 0-6 BAR; TRAVEL: 50.3 MM; OPERATED: DOUBLE ACTING; MATERIAL: AL ALLOY; INLET CONNECTION TYPE: FLANGE; OUTLET CONNECTION TYPE: FLANGE; OEM P/N: P-ED950M2A00A36DO	EA
27	0605285	ACTUATOR, PNEUMATIC: DIMENSIONS: 185 X 115 MM; PRESSURE RATING: 8 BAR; TRAVEL: 90 DEG; OPERATED: AIR; MATERIAL: ALUMINIUM; MODEL NO: C30SR-3MET; AIR TO OPEN; SPRING TO CLOSE; COMPLETE WITH MOUNTING BRACKET & COUPLER TO CONNECT TO A 100 MM BUTTERFLY/WAFER VALVE	EA
28	0615040	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 220 X LG 655 X HT 282 MM; PRESSURE RATING: 2-10 BAR; TRAVEL: 0-90 DEG; OPERATED: SPRING TO CLOSE; MATERIAL: ALUMINIUM; REFERENCE NO: RC270; HOUSING IN ANODISED; SUPPLY WITH MOUNTING BRACKET & COUPLING FOR 500MM BUTTERFLY VALVE; DEMIN STORAGE TANK-RECYCLE	EA
29	0246204	ACTUATOR, PNEUMATIC: DIMENSIONS: LG 268 MM; PRESSURE RATING: 10 BAR; 1 MPA; 150 PSI; TRAVEL: 0-90 DEG; OPERATED: AIR; MATERIAL: STL; SUPPL P/N: RC240-DA-ST-N-RA-1-XP-SD-A; DOUBLE ACTING; FACE TO FACE: 225MM; PCD: 190MM; SHAFT SIZE: M16 THREADED SQUARE; DOUBLE ACTING (AIR TO CLOSE & OPEN) TO BE SUPPLIED WITH AN ADAPTOR AND MOUNTING BRACKETS SUITABLE TO CONNECT TO 100 MM IPV BALL VALVE	EA

30	0615044	ACTUATOR, PNEUMATIC: DIMENSIONS: WD 283 MM X LG 1.2 M X HT 220 MM; PRESSURE RATING: 2-10 BAR; TRAVEL: 90 DEG C; OPERATED: SPRING TO CLOSE; MATERIAL: ALUMINIUM; REFERENCE NO: RC280; TO BE SUPPLIED WITH MOUNTING BRACKET & COUPLING FO 600MM BUTTERFLY VALVE	EA
31	615962	ACTUATOR, PNEUMATIC: DIMENSIONS: 914 CM2; PRESSURE RATING: 30-120 PSI; TRAVEL: 0-90 DEG; OPERATED: PISTON; REFERENCE NO: C45 SR	EA

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## 1 Overview and purpose of the *goods and services*

Supply, and delivery to site of Pneumatic Actuators over a period of five years on as and when required basis at Matimba Power Station

## 2 Specification and description of the *goods*

Refer to: C3.1: PURCHASER'S GOODS INFORMATION

### 2.1 Manufacture & fabrication

N/A.

### 2.2 Other tests and inspections and commissioning in place of use

QC to be done on site after the delivery.

## 3 Supply Requirements

Eskom has chosen to include them in the C1.2a Contract Data.

## 4 Constraints on how the *Supplier* Provides the Goods

### 4.1 Health and safety risk management

The *Supplier* shall comply with the health and safety requirements:

- Annexure B- Is the acknowledgement of Eskom's OHS legal and other requirements form signed and submitted by the tenderer.
- OHS plan-(Must address the project /scope of work OHS risk(s) and aligned with the health and safety specification or requirements).
- Baseline OHS Risk Assessment (BRA)-Identification, assessment and management of Safety, Health and Environmental risks related to the scope of work. The methodology used for the risk assessment must be provided together with the BRA.
- Valid Letter of Good Standing.
- OHS policy signed by CEO-The submitted policy document must comply to OHS Act Section 7.

## 4.2 Environmental constraints and management

The proposed activity is classified as low-risk activity and therefore the activity will have a minimal impact on the environment. e.g., once-off deliveries and will not require an appointment of the Environmental Officer however documents such as:

Environmental Policy

Method Statement and the MSDS Aspect & Impact (A&I) register

will need to be submitted to the Environmental department for evaluation and approval.

## 4.3 Quality

Category 4: Quality Requirements = 1		Deliverables to be evaluated indicator
		Apply =1
<b>SECTION A: Quality Management System Requirements ISO 9001</b>  Objective evidence of documented QMS that is not certified but complies with ISO 9001	A.1 A valid ISO 9001:2015 Certificate with relevant scope of work.	1
	If not ISO 9001 certified, a credible proof of ISO 9001:2015 compliant Quality Management System including, a specimen of the Quality Manual or a document that defines and describes the QMS and its scope or Quality Method statement based on the scope of this tender.	
	(Method Statement Template – Ref 240-126469599)	
	A.2 Quality Policy Approved by top management.	1
	A.3 Quality Objectives Approved by top management.	1
Section A Score		3
<b>SECTION B: Evidence of QMS in operation (Tender Quality Requirements -Ref 240-105658000)</b>	B.1 Documented information for defined roles, responsibilities and authorities - Organization chart and Responsibility matrix (must include but not limited to quality management function/role) (Clause 5.3 of ISO 9001:2015)	1
	B.2 Documented information for Control of Externally Provided Processes, Products and Services - Must include criteria for evaluation, selection, monitoring of performance, and re-evaluation of external providers  (Provide a copy of process/procedure regarding the assessment, selection, management and auditing of suppliers and subcontractors with supporting evidence (reports or records of how his process was implemented)  (Clause 8.4 of ISO 9001:2015)	1
Section B Score		2
<b>SECTION E: User defined additional Requirements &amp; miscellaneous (Ref 240-105658000)</b>  Customer specific requirements & other standards and required can be listed and evaluated here	E.1 Form A is completed and signed.	1
	E.2 SANAS accredited Facility (Proven Certified)	1
	E.3 ISO/IEC 17025:2017 accreditation	1
Section E Score		3

## **SUPPLIER, DEVELOPMENT, LOCALIZATION AND INDUSTRIALISATION.**

Valves Products and Actuators -70%

### **Local Procurement Content**

Tenderers will stipulate local procurement content for the works.

## **4.4 Invoicing and payment**

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

The *Supplier* shall address the tax invoice to *Purchaser* and include on each invoice the following information:

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

## **C3.2 SUPPLIER'S GOODS INFORMATION**

This section could also be compiled as a separate file.

### **iv. Planning Programmes**

The Contractor develops a contract programme which includes a bar chart conforming to the project master programme dates included and sufficient detail to indicate the Contractor's intention for executing the works. This programme covers major items relating to design, procurement, manufacture, delivery, erection, start-up and commissioning. The critical path is clearly shown.

Key milestones, access dates, interface dates and commissioning key dates are clearly identified in the contract programme, including access dates and release of terminal points that involve the Employer or Others.

The programme makes provision for site related preparation such as site establishment, safety induction and medical clearance of the entire Contractor's staff that will be working on site.

### **g. Invoicing and payment**

There are no additional requirements to the invoicing and payment clauses in Section 5 of the core clauses.

At each assessment interval, the Contractor submits to the Project Manager a forecast rate of invoicing that includes all the expected payments by the Employer to the Contractor on a month-by-month basis.

The Contractor addresses the tax invoice to Eskom Holdings SOC Ltd and include on each invoice the following information:

117. The registered name of the Contractor
118. The VAT registration number of the Contractor
119. The address of the Contractor
120. The Employer's contract number
121. The VAT registration number of the Employer

- 122. The value of the invoice split into payments as per the activity schedule as indicated in the Price Lists.
- 123. Any retention monies to be deducted from the invoice
- 124. Any interest payable
- 125. Escalation formula used where applicable

All invoices in PDF format are emailed straight from your system to an Eskom email address.

- 126. Email addresses for invoice submission: Invoiceseskomlocal@eskom.co.za. The Project Manager is copied when submitting invoices.
- 127. All queries and follow up on invoice payments are made by contacting the FSS Contact Centre: Tel: 011 800 5060 or e-mail: fss@eskom.co.za
- 128. For Foreign invoices, the Contractor is required to physically deliver hard copies of original documents to the Project Manager even though the Contractor has e-mailed those invoices.
- 129. The Contractor ensures compliance with the tax Requirement for submitting invoices electronically.
- 130. If there is Cost Price Adjustment (CPA) on your invoice, the Employer recommends that the Contractor issue a separate invoice for CPA so that if there are any issues on the CPA the rest of the invoice can be paid while resolving CPA issues.
- 131. The base invoice number needs to be mentioned on the CPA invoice.
- 132. Electronic invoicing does not guarantee payment but ensures visibility of all invoices and ensures that no invoices get lost. If the Goods Receipt (GR) is not done the invoice is parked and the system automatically sends an e-mail to the Project Manager to do the goods receipt. This is also tracked by the Employer through the parked invoice report.
- 133. The Contractor can request a parked invoice report from the Finance Shared Services (FSS) Contact Centre which can then be followed up and corrected. The Contractor is allowed to forward the details of invoices corrected to the FSS Contact Centre.
- h. Insurance provided by the Purchaser  
There are no additional requirements to the risk and insurance clause in Section 8 of the core clauses and Z13 of the Additional conditions of contract.

i. Contract change management

There are no additional requirements to the compensation event clauses in Section 6 of the core clauses.

j. 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 Supplier is given in Part 1 Agreements and Contract Data, document C1.3, Sureties.

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