



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 of Boiler Internal Tubing for
Grootvlei Power Station Units 1 to 3 on an As-and-
When-Required Basis

Contents:	No of pages
Part C1 Agreements & Contract Data	[•]
Part C2 Pricing Data	[•]
Part C3 Scope of Work	[•]

CONTRACT No. [Insert at award stage]

PART C1: AGREEMENTS & CONTRACT DATA

Contents:	No of pages
C1.1 Form of Offer and Acceptance	[•]
[to be inserted from Returnable Documents at award stage]	
C1.2a Contract Data provided by the <i>Purchaser</i>	[•]
C1.2b Contract Data provided by the <i>Supplier</i>	[•]
[to be inserted from Returnable Documents at award stage]	
C1.3 Proforma Guarantees	[•]

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 of Boiler tubing, Boiler tubing protection Shields and Boiler Screens with U bolts and nuts Spares to Grootvlei Power Station – Main Stores as and when required.

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	R [•]
	Value Added Tax @ 15% is	R [•]
	The offered total of the amount due inclusive of VAT is ¹	R [•]
	(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:**

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

(Insert name and address of organisation)

Name &
signature of
witness

Date

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

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

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

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)

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

Name & signature of witness

Date

C1.2 SC3 Contract Data

Part one - Data provided by the *Purchaser*

Clause	Statement	Data
1	General	
	The <i>conditions of contract</i> are the core clauses and the clauses for Options	
		X1: Price adjustment for inflation X2: Changes in the law X7: Delay damages X17: Low performance damages
		Z: Additional conditions of contract of the NEC3 Supply Contract (April 2013) ² (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):	Eskom Holdings SOC Ltd (reg no: 2002/015527/30), a state owned company incorporated in terms of the company laws of the Republic of South Africa
	Address	Registered office at Megawatt Park, Maxwell Drive, Sandton, Johannesburg
	Tel No.	[•]
	Fax No.	[•]
10.1	The <i>Supply Manager</i> is (name):	[•]
	Address	[•]
	Tel	[•]
	Fax	[•]
	e-mail	[•]

² Available from Engineering Contract Strategies Tel 011 803 3008 Fax 086 539 1902, www.ecs.co.za.

11.2(13)	The <i>goods</i> are	Boiler Soot blower Spares
11.2(13)	The <i>services</i> are	Supply and Delivery of Boiler tubing, Boiler tubing protection Shields and Boiler Screens with U bolts and nuts Spares to Grootvlei Power Station – Main Stores as and when required.
11.2(14)	The following matters will be included in the Risk Register	Road Closure due to Strike Non-conformance to specification
11.2(15)	The Goods Information is in	Part 3: Scope of Work and all documents and drawings to which it makes reference.
11.2(15)	The Supply Requirements as part of the Goods Information is in	Part 3: Scope of Work and all documents and drawings to which it makes reference.
12.2	The <i>law of the contract</i> is the law of	the Republic of South Africa
13.1	The <i>language of this contract</i> is	English
13.3	The <i>period for reply</i> is	5 working Days 24 Hours for emergency

2 The *Supplier's* main responsibilities

Reference to NEC 3 Supply Contract.

3 Time

30.1	The <i>starting date</i> is.	[•]	
30.1	The <i>delivery date</i> of the <i>goods</i> and <i>services</i> is:	<i>goods and services</i>	<i>delivery date</i>
		1 Boiler tubing protection Shields and Boiler Screens with U bolts and nuts Spares	As per the batch order
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.	As communicated and agreed by both parties	
31.1	The <i>Supplier</i> is to submit a first programme for acceptance within	1 week of the Contract start date	
32.2	The <i>Supplier</i> submits revised programmes at intervals no longer than	1 week.	

4 Testing and defects

42	The <i>defects date</i> is	1 week after installation
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42.2	The <i>defects access period</i> is	[•] days
	except that the <i>defect access period</i> for	[•] is [•]
	and the <i>defect access period</i> for	[•] is [•]
43.2	The <i>defect correction period</i> is	2 weeks
	and the <i>defect correction period</i> for	Five (5) working days after notification

5 Payment

50.1	The <i>assessment interval</i> is	For each goods delivered Quality check an assessment will be done followed by generating Goods Receive, payment will be made according to payment terms
51.1	The <i>currency of this contract</i> is the	South African Rand
51.2	The period within which payments are made is	TBC
51.4	The <i>interest rate</i> is	the publicly quoted prime rate of interest (calculated on a 365-day year) charged from time to time by the Standard Bank of South Africa Limited (as certified, in the event of any dispute, by any manager of such bank, whose appointment it shall not be necessary to prove) for amounts due in Rands and

6 Compensation events

Reference to NEC Supply Contract.

7 Title

Reference to NEC 3 Supply Contract.

8 Risks, liabilities, indemnities and insurance

Reference to NEC 3 Supply Contract.

80.1	These are additional <i>Purchaser's</i> risks	1. Non-conformance to specification. 2. Additional risks may be managed by Parties as they arise.
88.1	The <i>Supplier's</i> liability to the <i>Purchaser</i> for indirect or consequential loss, including loss of profit, revenue and goodwill is limited to	R0 (zero Rand)
88.2	For any one event, the <i>Supplier's</i> liability to the <i>Purchaser</i> for loss of or damage to the <i>Purchaser's</i> property is limited to	(1) for the <i>Purchaser's</i> existing and surrounding property in the care, custody and control of the <i>Supplier</i> the amount of the

		deductible (first amount payable) relevant to the event and
		(2) for all other existing <i>Purchaser's</i> property, the applicable deductible as at contract date
88.3	The <i>Supplier's</i> liability for Defects due to his design which are not notified before the last <i>defects date</i> is limited to:	Replacement value of the contract
88.4	The <i>Supplier's</i> total liability to the <i>Purchaser</i> , for all matters arising under or in connection with this contract, other than the excluded matters, is limited to	Replacement value of the contract
88.5	The <i>end of liability date</i> is	1 year after Delivery of the whole of the <i>goods</i> and <i>services</i>.
9	Termination and dispute resolution	Reference to NEC 3 Supply Contract. This Contract agreement can be terminated based on the dead end of the Units at the Power Station, in case Grootvlei Power Station closes before the end of the Contract
94.1	The <i>Adjudicator</i> is	the Chairman of ICE-SA, a Division of the South African Institution of Civil Engineering, or its successor body (See www.ice-sa.org.za)
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 www.ice-sa.org.za)
94.4(2)	The <i>tribunal</i> is:	arbitration
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	Johannesburg South Africa
	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	the Chairman for the time being or his nominee of the Association of Arbitrators (Southern Africa) or its successor body.

10 Data for Option clauses

X1	Price adjustment for inflation
X1.1	The <i>base date</i> for indices is TBA

	The proportions used to calculate the Price Adjustment Factor are:	<table><tr><td>proportion</td><td>linked to index for</td><td>Index prepared by</td></tr><tr><td>Fixed portion</td><td>15% (Non-adjustable)</td><td></td></tr><tr><td>Labour</td><td></td><td>SEIFSA Table C3-AHPE</td></tr><tr><td>Material</td><td></td><td>SEIFSA Table G1</td></tr><tr><td>Travelling</td><td></td><td>SEIFSA Table L2-A</td></tr><tr><td>0.</td><td></td><td>[•]</td></tr><tr><td>[•]</td><td>non-adjustable</td><td></td></tr></table>	proportion	linked to index for	Index prepared by	Fixed portion	15% (Non-adjustable)		Labour		SEIFSA Table C3-AHPE	Material		SEIFSA Table G1	Travelling		SEIFSA Table L2-A	0.		[•]	[•]	non-adjustable	
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Material		SEIFSA Table G1																					
Travelling		SEIFSA Table L2-A																					
0.		[•]																					
[•]	non-adjustable																						
X2	Changes in the law	Refer to Clause X2 of the NEC3 SC																					
X2.1	A change in the law of	The Republic of South Africa is a compensation event if it occurs after the Contract Date																					
X7	Delay damages																						
X7.1	Delay damages for Delivery are																						
	<table><tr><td>Action</td><td>Limit</td><td>Damage (amount)</td></tr><tr><td>Delivery delays</td><td>5 days</td><td>2.5 % of the batch order value</td></tr><tr><td></td><td>More than 5 days</td><td>5 % of the batch order value</td></tr><tr><td></td><td>10 to 15 days</td><td>10% of the batch order value</td></tr><tr><td></td><td>More than 15 days</td><td>May lead to termination of the contract</td></tr></table>	Action	Limit	Damage (amount)	Delivery delays	5 days	2.5 % of the batch order value		More than 5 days	5 % of the batch order value		10 to 15 days	10% of the batch order value		More than 15 days	May lead to termination of the contract							
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X17	Low performance damages																						
X17.1	The amounts for low performance damages are:	<table><tr><td>Penalty</td><td>performance level</td></tr><tr><td>10% of affected line-item value</td><td>for Missing or incomplete certificates, traceability records, inspection reports or data book documentation</td></tr><tr><td>5% of affected line-item value</td><td>for Failure to comply with preservation, packing or corrosion protection requirements</td></tr></table>	Penalty	performance level	10% of affected line-item value	for Missing or incomplete certificates, traceability records, inspection reports or data book documentation	5% of affected line-item value	for Failure to comply with preservation, packing or corrosion protection requirements															
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		10% of affected line-item value	for Dimensional tolerance non-compliance
		10% of affected line-item value	for PMI failure or material certification discrepancy
		100% replacement of affected material plus associated inspection and transport costs	for Tube material rejected as unsuitable for service
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:

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

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

Insurance against	Minimum amount of cover or minimum limit of indemnity
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	<u>Loss of or damage to property</u> <u>Purchaser's property</u> 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. <u>Other property</u> The replacement cost <u>Death of or bodily injury</u> 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**

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

Nuclear Material Damage Terrorism	Per the insurance policy document
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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:

AAIA	means approved asbestos inspection authority.
ACM	means asbestos containing materials.
AL	means action level, i.e. a level of 50% of the OEL, i.e. 0.1 regulated asbestos fibres per ml of air measured over a 4 hour period. The value at which proactive actions is required in order to control asbestos exposure to prevent exceeding the OEL.
Ambient Air	means breathable air in area of work with specific reference to breathing zone, which is defined to be a virtual area within a radius of approximately 30cm from the nose inlet.
Compliance Monitoring	means compliance sampling used to assess whether or not the personal exposure of workers to regulated asbestos fibres is in compliance with the Standard's requirements for safe processing, handling, storing, disposal and phase-out of asbestos and asbestos containing material, equipment and articles.
OEL	means occupational exposure limit.

Parallel Measurements	means measurements performed in parallel, yet separately, to existing measurements to verify validity of results.
Safe Levels	means airborne asbestos exposure levels conforming to the Standard's requirements for safe processing, handling, storing, disposal and phase-out of asbestos and asbestos containing material, equipment and articles.
Standard	means the <i>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.
SANAS	means the South African National Accreditation System.
TWA	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.

- 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.

Eskom Grootvlei Power Station Condition Agreement

Employer's right to terminate the contract

The Employer will review the contract as and when required and reserve the right to reduce the number of people or to terminate the contract if the service is no longer required

The Employer reserves the right to terminate the contract when Grootvlei Power station stop operating before the contract expires

The Employer reserves the right to terminate the contract when the contract value is exhausted or finished before the end of the contract period.

Annexure A: Supply Requirements

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

The *Supplier* supplies the *goods* in accordance with INCOTERMS 2010³ as follows:

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	

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

³ International Chamber of Commerce, Incoterms 2010, Paris, January 2011

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

[

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

The Supply Requirements for this contract are as follows:

[Use these when INCOTERMS do not apply].

1. The requirements for the supply are	[State the constraints on how the <i>Supplier</i> manufactures, prototypes, tests and stores the <i>goods</i> including order and timing]	
2. The requirements for transport are	[State the extent to which the <i>Supplier</i> transports the <i>goods</i> and the mode of transport]	
3. The delivery place is	[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]	
4. Actions of the Parties during supply	Action	Party which does it
	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>	
For international procurement	Undertake export requirements	
	Undertake import requirements	
5. Information to be provided by the <i>Supplier</i>	Title of document	
	Packing lists for cases and their contents	
	Copy of invoice for the <i>goods</i>	
	Delivery Note	
	Test results and maintenance manuals	
For international procurement	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*

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

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	R , (in words)												
11.2(12)	The <i>price schedule</i> is in:													
11.2(14)	The following matters will be included in the Risk Register													
25.2	The restrictions to access for the <i>Supply Manager</i> and Others to work being done for this contract are													
30.1	The <i>delivery date</i> of the <i>goods and services</i> is:	<table><thead><tr><th></th><th><i>goods and services</i></th><th><i>delivery date</i></th></tr></thead><tbody><tr><td>1</td><td>[•]</td><td>[•]</td></tr><tr><td>2</td><td>[•]</td><td>[•]</td></tr><tr><td>3</td><td>[•]</td><td>[•]</td></tr></tbody></table>		<i>goods and services</i>	<i>delivery date</i>	1	[•]	[•]	2	[•]	[•]	3	[•]	[•]
	<i>goods and services</i>	<i>delivery date</i>												
1	[•]	[•]												
2	[•]	[•]												
3	[•]	[•]												
31.1	The programme identified in the Contract Data is contained in:													
63.2	The <i>percentage for overheads and profit</i> added to the Defined Cost is	%												

C1.3 Forms of Securities

Pro formas for Bonds & Guarantees

For use with the NEC3 Supply Contract (SC3)

None

C2.1 Pricing assumptions

1. How *goods* and *services* are priced and assessed for payment

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

Identified and defined terms	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.
Assessing the amount due	50.2	The amount due is
		the Price for each lump sum item in the Price Schedule which the <i>Supplier</i> has completed, - 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, plus other amounts to be paid to the <i>Supplier</i> , - less amounts to be paid by or retained from the <i>Supplier</i>. 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.

2. 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.

3. 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.

3.1. 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*

GROOTVLEI POWER STATION								
QUANTITY SURVEYING / COST ENGINEERING								
SUPPLY & DELIVERY OF BOILER INTERNAL TUBING UNIT 1 TO								
Section 1	Description	Material	Size	Material No.	Quantity	Price	Amount	
1	Straight pipe	BS3059 Gr440	50.8 x 4.89 x 6m		300		R -	
2	U Bend (180°)	BS3059 Gr440	50.8 x 4.9 x 6m		100		R -	
3	90° Bend	BS3059 Gr440	50.8 x 4.9 x 6m		100		R -	
4	Economiser Baffle Plate						R -	
	Sub-Total Economiser Unit 1						R -	
Section 2	Description	Material	Size	Material No.	Quantity	Price	Amount	
5	Straight pipe	Bs3059 Gr620	63.5 x 4.9 x 6m		200		R -	
6	Straight pipe	Bs3059 Gr620	63.5 x 5.4 x 6m		200		R -	
7	Straight pipe	Bs3059 Gr620	63.5 x 6.4 x 6m		150		R -	
8	Straight pipe	Bs3059 Gr620	63.5 x 7.6 x 6m		150		R -	
9	Straight pipe	Bs3059 Gr620	63.5 x 11 x 6m		100		R -	
10	Straight pipe	BS3059 Gr440	63.5 x 5.4 x 6m		100		R -	
11	Straight pipe	BS3059 Gr440	63.5 x 5.9 x 6m		100		R -	
12	Straight pipe	Bs3059 Gr622	63.5 x 11 x 6m		100		R -	
	Sub-Total PSH Unit 1						R -	
Section 3	Description	Material	Size	Material No.	Quantity	Price	Amount	
13	Transition Piece	TP 316H	57.1 x 8.8		80		R -	
14	Transition Piece	TP 316H	57.1 x 9.4		80		R -	
15	Inlet Leg 1	BS3059 Gr622	57.1 x 5.9 x 6m		200		R -	
16	Inlet Leg 2	BS3059 Gr622	57.1 x 7.0 x 6m		200		R -	
17	Inlet Leg 3	BS3059 Gr622	57.1 x 8.2 x 6m		200		R -	
18	Inlet Leg 4	BS3059 Gr622	57.1 x 9.4 x 6m		200		R -	
19	Outlet Leg 5	TP 316H	57.1 x 4.9 x 6m		80		R -	
20	Outlet branches	BS3059 Gr622	57.1 x 8.8 x 6m		100		R -	
	Sub-Total SSH Unit 1						R -	

CONTRACT TITLE: SUPPLY AND DELIVERY OF BOILER TUBING, BOILER TUBING PROTECTION SHIELDS AND BOILER SCREENS WITH U BOLTS AND NUTS SPARES TO GROOTVLEI POWER STATION – MAIN STORES AS AND WHEN REQUIRED

Section 4	Description	Material	Size	Material No.	Quantity	Price	Amount	
21	Straight pipe	BS3059 Gr440	63.5 x 7.01 x 6m		400		R -	
	Sub-Total Sling Tubes Unit 1						R -	
Section 5	Description	Material	Size	Material No.	Quantity	Price	Amount	
22	Straight pipe	BS3059 Gr440	63.5 x 7.01 x 6m		100		R -	
	Sub-Total Roof Tubes Unit 1						R -	
Section 6	Description	Material	Size	Material No.	Quantity	Price	Amount	
23	Rear Wall	BS3059 Gr440	63.5 x 5.4 x 6m		1200		R -	
24	Rear Wall Screen Tubes	BS3059 Gr440	63.5 x 7.01 x 6m		100		R -	
25	RHS Wall	BS3059 Gr440	63.5 x 5.4 x 6m		1200		R -	
26	RHS Wall Bottom Header Stubs	BS3059 Gr440	50.8 x 5.4 x 6m		900		R -	
27	RHS Wall Bottom Slope	BS3059 Gr440	63.5 x 7.62 x 6m		900		R -	
28	LHS Wall	BS3059 Gr440	63.5 x 5.4 x 6m		300		R -	
29	LHS Wall Bottom Header Stubs	BS3059 Gr440	50.8 x 5.4 x 6m		300		R -	
30	Front Wall	BS3059 Gr440	63.5 x 5.4 x 6m		600		R -	
31	Div wall Slopes	BS3059 Gr440	76.2 x 5.9 x 6m		600		R -	
32	Div Wall Vertical	BS3059 Gr440	63.5 x 5.4 x 6m		300		R -	
	Sub-Total Boiler Wall Tubes Unit 1						R -	
Section 7	Description	Material	Size	Material No.	Quantity	Price	Amount	
33	Straight pipe	BS3059 Gr440	50.8 x 5.4 x 6m		300		R-	
34	Economizer close spaced fins - finned tubes (Including ferrel)	BS3059 Gr440	50.8 x 5.4 x 6m		600		R-	
35	Economizer wide spaced fins - finned tubes (Including ferrel)	BS3059 Gr440	50.8 x 5.4 x 6m		600		R-	
	Sub-Total Economiser Unit 2 & 3						R -	
Section 8	Description	Material	Size	Material No.	Quantity	Price	Amount	
36	Straight pipe	BS3059 Gr440	63.5 x 5.4 x 6m		200		R -	
37	Straight pipe	BS3059 Gr440	63.5 x 5.9 x 6m		200		R -	
38	Straight pipe	Bs3059 Gr620	57.15 x 5.4 x 6m		200		R -	
39	Straight pipe	Bs3059 Gr620	57.15 x 4.9 x 6m		200		R -	
40	Straight pipe	Bs3059 Gr620	57.15 x 7 x 6m		200		R -	
	Sub-Total PSH Unit 2 & 3						R -	
Section 9	Description	Material	Size		Quantity	Price	Amount	
41	SSH Outlet tubes	ASTM A312 (316H)	63.5 x 6.4 x 6m		100		R -	

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42	SSH Outlet tubes	BS3059 Gr622	63.5 x 11.79 x 6m		150		R -
43	SSH Outlet tubes	BS3059 Gr622	63.5 x 10.16 x 6m		150		R -
44	SSH Outlet tubes	BS3059 Gr622	63.5 x 9.4 x 6m		150		R -
45	SSH Outlet tubes	BS3059 Gr622	63.5 x 7.62 x 6m		150		R -
Sub-Total SSH Unit 3							R -
Section 10	Description	Material	Size		Quantity	Price	Amount
46	Straight pipe	BS3059 Gr622	63.5 x 6.4 x 6m		150		R -
47	Straight pipe	BS3059 Gr622	63.5 x 11 x 6m		150		R -
48	Straight pipe	BS3059 Gr622	63.5 x 10.1 x 6m		150		R -
49	Straight pipe	BS3059 Gr622	63.5 x 9.5 x 6m		150		R -
50	Straight pipe	BS3059 Gr622	63.5 x 8.8 x 6m		150		R -
51	Straight pipe	BS3059 Gr622	63.5 x 8.2 x 6m		150		R -
52	Straight pipe	BS3059 Gr622	63.5 x 7 x 6m		150		R -
53	Straight pipe	BS3059 Gr622	63.5 x 5.9 x 6m		150		R -
54	Straight pipe	BS3059 Gr622	63.5 x 7.6 x 6m		150		R -
Sub-Total SSH Unit 2							R -
Section 11	Description	Material	Size	Material No.	Quantity	Price	Amount
55	Sling Tubes	BS3059 Gr440	63.5 x 7.62 x 6m		100		R -
56	Sling Tubes	BS3059 Gr440	63.5 x 5.4 x 6m		100		R -
Roof Tubes							R -
Section 12	Description	Material	Size	Material No.	Quantity	Price	Amount
57	Roof Tubes	BS3059 Gr440	63.5 x 5.4 x 6m		300		R -
Sub-Total Roof Tubes Unit 2 & 3							R -
Section 13	Description	Material	Size	Material No.	Quantity	Price	Amount
58	Rear Wall	BS3059 Gr440	63.5 x 5.4 x 6m		750		R -
59	Rear Wall Screen Tubes	BS3059 Gr440	63.5 x 5.4 x 6m		300		R -
60	RHS Wall	BS3059 Gr440	63.5 x 5.4 x 6m		750		R -
61	RHS Wall Bottom Header Stubs	BS3059 Gr440	50.8 x 5.4 x 6m		150		R -
62	LHS Wall	BS3059 Gr440	63.5 x 5.4 x 6m		750		R -
63	LHS Wall Bottom Header Stubs	BS3059 Gr440	50.8 x 5.4 x 6m		150		R -
64	Front Wall	BS3059 Gr440	63.5 x 5.4 x 6m		750		R -

CONTRACT TITLE: SUPPLY AND DELIVERY OF BOILER TUBING, BOILER TUBING PROTECTION SHIELDS AND BOILER SCREENS WITH U BOLTS AND NUTS SPARES TO GROOTVLEI POWER STATION – MAIN STORES AS AND WHEN REQUIRED

65	Div wall Slopes		BS3059 Gr440	76.2 x 5.89 x 6m		600		R -
66	Div Wall Vertical		BS3059 Gr440	63.5 x 5.39 x 6m		1500		R -
	Sub-Total Boiler Wall Tubes Unit 2 & 3							R -
Section 14	Description	Material	Size (mm)	WT (mm)	Material No.	Quantity	Price	Amount
67	Economizer 180° Inner Bend	P265GH	50.8	5.4		300		R -
68	Economizer 180° Outer Bend	P265GH	50.8	5.4		300		R -
69	Roof Tube Manipulations	P265GH	63.5	5.4		120		R -
70	Front and Rear Sling tube Manipulations (Modification)	P265GH	63.5	5.4		240		R -
71	Front and Rear Sling tube Manipulations (Modification)	P265GH	63.5	7.6		240		R -
72	PSH Inlet 180° Inner Bend	P265GH	63.5	5.4		300		R -
73	PSH Inlet 180° Outer Bend	P265GH	63.5	5.4		300		R -
74	PSH Inlet 180° Inner Bend	P265GH	63.5	5.9		300		R -
75	PSH Inlet 180° Outer Bend	P265GH	63.5	5.9		300		R -
76	PSH Outlet 180° Inner Bend	13CrMo4-5	57.2	5.4		300		R -
77	PSH Outlet 180° Outer Bend	13CrMo4-5	57.2	5.4		300		R -
78	PSH Outlet 180° Inner Bend	13CrMo4-5	57.2	7		300		R -
79	PSH Outlet 180° Outer Bend	13CrMo4-5	57.2	7		300		R -
80	PSH 90° Connecting leg bend	P265GH	63.5	5.9		300		R -
81	PSH 90° Connecting leg bend	13CrMo4-5	57.2	5.4		300		R -
82	SSH 90° Connecting leg bend	10CrMo9-10	63.5	8.8		300		R -
83	SSH 90° Connecting leg bend	10CrMo9-10	63.5	10		300		R -
	Sub-Total Bends, Manipulations and Connecting legs							R -
85								
Section 15	Description	Material	Size (mm)	Material No.	Quantity	Price	Amount	
84	Economizer 90° Inner Bend Extrados Shield	SS310	51		150		R -	
85	Economizer 90° Inner Bend Intrados Shield	SS310	51		150		R -	
86	Economizer 90° Outer Bend Extrados Shield	SS310	51		150		R -	
87	Economizer 90° Outer Bend Intrados Shield	SS310	51		150		R -	
88	Economizer Straight shields	SS310	51		150		R -	
89	Economizer Shield Clips for 51 ID Shields	SS310	51		150		R -	
90	PSH Type 1 Shield (90° Short Bend)	SS310	64		150		R -	
91	PSH Type 2 Shield (90° Long Bend)	SS310	58		150		R -	

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92	PSH Type 3 Shield (0.5m Straight reducer)	SS310	58		150		R -	
93	PSH Type 3 Shield (0.5m Straight reducer)	SS310	64		150		R -	
94	PSH Type 4 Shield (90° Long Bend)	SS310	64		150		R -	
95	PSH Type 5 Shield (90° Short Bend)	SS310	58		150		R -	
96	PSH Type 6 Shield (180° Bend)	SS310	64		150		R -	
97	PSH Type 7 Shield (180° Bend)	SS310	58		150		R -	
98	PSH, SSH, Sling, Screen & FWW Type 8 Shields (2m Straight)	SS310	64		150		R -	
99	PSH Type 12 Shield (2m Straight)	SS310	58		150		R -	
100	SSH Type 9 Shield (90° Long Bend)	SS310	64		150		R -	
101	SSH Type 10 Shield (90° Short Bend)	SS310	64		150		R -	
102	Roof Tube Manipulated Shields	SS310	64		150		R -	
103	Shield Clips for 64 ID Shields	SS310	64		150		R -	
104	Shield Clips for 58 ID Shields	SS310	58		150		R -	
105	Jubilee Clamps for 64 ID Shields	Stainless Steel	Verify		150		R -	
106	Jubilee Clamps for 58 ID Shields	Stainless Steel	Verify		150		R -	
107	LHS Ash Hopper Straight Dipper Plates	Stainless Steel	1.8 x 1.2 x 3 mm		150		R -	
108	LHS Ash Hopper Corner Dipper Plates	Stainless Steel	1.8 x 1.2 x 3 mm		150		R -	
109	RHS Ash Hopper Straight Dipper Plates	Stainless Steel	1.8 x 1.2 x 3 mm		150		R -	
110	RHS Ash Hopper Corner Dipper Plates	Stainless Steel	1.8 x 1.2 x 3 mm		150		R -	
Sub-Total Shields, Shield Clips and Jubilee Clamps							R -	
112								
Section 16	Description	Material Grade	Width (m)	Length (m)	Wall thickness (mm)	Quantity	Price	Amount
111	Divisional Slope Dead Space (LHS & RHS)	Skin Casing Plate	1.5	3	3	240		R -
112	LHS Slope Dead Space	Skin Casing Plate	1.5	3	3	240		R -
113	RHS Slope Dead Space	Skin Casing Plate	1.5	3	3	240		R -
114	LHS Vertical Wall	Skin Casing Plate	1.5	3	3	670		R -
115	RHS Vertical Wall	Skin Casing Plate	1.5	3	3	670		R -
116	Front Wall Vertical	Skin Casing Plate	1.5	3	3	670		R -
117	Rear Wall Vertical	Skin Casing Plate	1.5	3	3	670		R -
118	LHS Economizer Slope	Skin Casing Plate	1.5	3	3	120		R -
119	RHS Economizer Slope	Skin Casing Plate	1.5	3	3	120		R -

	Sub-Total Skin Casing						R -
	TOTAL AMOUNT OF SECTION 1 TO 16						R -

Part 3: Scope of Work

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C3.1: *Purchaser's* Goods Information

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

Supply and Delivery of Boiler tubing, Boiler tubing protection Shields and Boiler flow Screens with U bolts and nuts Spares to Grootvlei Power Station – Main Stores as and when required.

Specification and description of the *goods*

The Supplier will provide the following documentation when delivering the goods:

- The Supplier shall provide detailed operating and maintenance instructions for the proper use of the goods of each item. The Supplier must provide two hard copies and one soft copy (such as PDF) of the instructions to the Purchaser where it is required.
- The Supplier shall be responsible for the transportation of all Boiler tubing, Boiler tubing protection Shields and Boiler flow Screens with U bolts and nuts Spares delivered to Grootvlei Power Station – Main Stores.
- Ownership will only be transferred to the Purchaser upon payment.
- The Supplier shall be responsible for the packaging of Boiler tubing, Boiler tubing protection Shields and Boiler flow Screens with U bolts and nuts Spares to Grootvlei Power Station – Main Stores.
- All the spares supplied shall be individually wrapped and secured safely during transportation and delivery
- The details shall include as a minimum, the following:
 - o Purchase Order Number
 - o Part Description
 - o Manufacturer
 - o Part Number
 - o Drawing number
 - o Eskom Material number

Purchaser's design

Supplier should deliver the required goods with the complete data packs and schematic drawings of the components.

Procedure for submission and acceptance of *Supplier's* design

Supplier can manufacture and fabricate the goods as per requirement and make sure that there are holding points for Quality and Engineering purpose

Other requirements of the *Supplier's* design

There are often comprehensive requirements for testing or witnessing at place of manufacture and before delivery. The tests are to be witnessed by the Supply Manager or by a testing agency of the Purchaser's nomination.

Factory acceptance testing (FAT)

There are often comprehensive requirements for testing at place of manufacture and before delivery. The tests are to be witnessed by the Supply Manager or by a testing agency of the Purchaser's nomination.

Other tests and inspections and commissioning in place of use

Components which require Pressure testing or Non-Destructive Testing, supplier must ensure the process take place and data packs must be presented to the Purchaser.

Operating manuals and maintenance schedules

Consideration should be given to obtaining operating manuals and maintenance schedules before Delivery of the whole of the goods when there is still financial incentive for the Supplier to do so.

Supply Requirements

The Supply Requirements for this contract are in an Annexure to the Contract Data provided by the *Purchaser*.

Specification of the *services* to be provided

Quarterly meetings to be held once the contract is up and running to discuss the progress, anticipated next delivery, compensations events should there be any. The meeting to be attended by the Supply Manager or his/her representative, Service Provider representative and the End User. The meeting will be held at Grootvlei Power Station.

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

Title and purpose	Approximate time & interval	Location	Attendance by:
Risk register and compensation events	Quarterly on ____ date to be communicated ____ at ____	Grootvlei Power Station	Supply Manager/Rep, End user and Supplier Manager.
Overall contract progress and feedback	Quarterly on date to be communicated at ____	Grootvlei Power Station	<i>Purchaser, Supplier, and __End User__</i>

Constraints on how the *Supplier* Provides the Goods

Programming constraints

Supplier to ensure they provide their program which indicate time line before delivery of good, once they receive the task order and scope of work

Work to be done by the Delivery Date

Supplier to ensure material is delivered on time as per commitment date, *Purchaser* to ensure correct material has been delivered as per request and required material certificates and quality documents are attached

Marking the goods

Purchaser will pay for delivered goods in good condition with all relevant documents required

Constraints at the delivery place and place of use

Supplier should avoid any constraints which may affect the delivery of the material by ensuring that ordered material or spares are fabricated on time, ensure there are no any protest which may affect their production. Ensure the transport they use to transport good is in good condition. Ensure they have all relevant document when they deliver the goods

Cooperating with Others

Scope of work will be discussed with the *Supplier* before any work can commence

Services & other things to be provided by the *Purchaser* or *Supplier*

There are no additional Services & other things to be provided by the Purchaser or Supplier

Management meetings

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>Purchaser, Supplier, and _____</i>

Meetings of a specialist nature may be convened as specified elsewhere in this Goods Information or if not so specified by persons and at times and locations to suit the Parties, the nature and the progress of the manufacture of the *goods*. Records of these meetings shall be submitted to the *Supply 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.

Documentation control

All delivered material must have material certificate and quality control documents and a copy must be issued to material management

Health and safety risk management

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

240-77471499 Annexure B

C1 Tender Returnables (High Risk) - the Supply and Delivery of Boiler Internal Tubing

GVL 0650 High Risk Specification - the Supply and Delivery of Boiler Internal Tubing

Environmental constraints and management

The *Supplier* shall comply with the environmental criteria and constraints and requirements:

Environmental requirements.docx Grootvlei Power Station-Supply and Delivery of Boiler Internal Tubing for Grootvlei Power Station Units 1 to 3 on an As-and-When-Required Basis

GVLF 0183 Environmental Evaluation Form

Quality

The supplier will be provided with Eskom SHEQ policy as a guideline to adhere to during when deliveries are made. And the following quality standards:

240-12248652 (Rev 7) List of Tender Returnables - Boiler Internal Tubing

240-68099512 (Rev 9) Form A Tender & Contract - Boiler Internal Tubing

240-105658000 Supplier Quality Management Specification

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.

All invoices to be emailed to:

invoiceseskomlocal@eskom.co.za

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)

Insurance provided by the *Purchaser*

No additional insurance apart from the stated in the NEC contract data

Records of Defined Cost, payments & assessments of compensation events to be kept by the *Supplier*

Not applicable

Procurement

Subcontracting

Preferred subcontractors

There are no requirements for subcontracting however the *Supplier* may inform the *Purchaser* for any subcontract entered.

Limitations on subcontracting

There are no requirements for Limitations on subcontracting however the *Supplier* may inform the *Purchaser* for any Limitations on subcontract entered.

Spares and consumables

All the spares required are included in the bill of quantity and price list, anything outside that scope should not be included

Other requirements related to procurement

No other requirements such as ASGISA OR socio-political enhancement *Supplier* should provide

Cataloguing requirements by the *Supplier*

All Cataloguing of the spares delivered shall be done by the *Purchaser*

List of drawings

Drawings issued by the *Purchaser*

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

Purchaser does not have drawings

Drawing number	Revision	Title

C3.2 *Supplier's* Goods Information