



NEC3 Supply Contract (SC3)

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

and
(Reg No. _____)

for **Supply and Delivery of Turbine Auxiliaries Off-The-Shelf Spares on an "as and when required" at Hendrina Power Station (Materials Management Department) for a period of 5 years**

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CONTRACT No.

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 of Turbine Auxiliaries Off-The-Shelf Spares on an "as and when required" basis at Hendrina Power Station (Materials Management Department) for a period of 5 years.

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	N/A
	Value Added Tax @ 15% is	N/A
	The offered total of the amount due inclusive of VAT is ¹	N/A
	(in words) N/A	

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)

Name & signature of witness

Date

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*.

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

No.	Subject	Details
1	PAYMENT	PAYMENT IN 14 DAYS FROM DELIVERY

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*

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

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: <i>Additional conditions of contract</i>
	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		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
		Registered office at Megawatt Park, Maxwell Drive, Sandton, Johannesburg
		[•]
		[•]
10.1	The <i>Supply Manager</i> is (name):	Mr Sibusiso Khawula
	Address	Hendrina Power Station
	Tel	+27 31 710 5356

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

E-mail

khawulsc@eskom.co.za

11.2(13)	The <i>goods</i> are	Turbine Reverse Engineered Spares
11.2(13)	The <i>services</i> are	Supply and Delivery of Turbine Auxiliaries Off-The-Shelf spares on an "as and when required" basis at Hendrina Power Station (Materials Management Department) for a period of 5 years.
11.2(14)	The following matters will be included in the Risk Register	1) Delays on delivery 2) Quality of deliverables
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	Annexure A to this Contract Data
12.2	The <i>law of the contract</i> is the law of	the Republic of South Africa
13.1	The <i>language of this contract</i> is	English
13.3	The <i>period for reply</i> is	2 working days
2	The Supplier's main responsibilities	The Supplier provides the following additional documentation at the time of delivery: 1. All material certificates 2. All inspection reports (NDT, dimensional, etc.) 3. Detailed tax invoice. 4. QIP (On Items Requested)
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:	On an "as and when required" basis
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.	Supplier informs the Purchaser to come and inspect and accept all goods before effecting delivery.
31.1	The <i>Supplier</i> is to submit a first programme for acceptance within	2 Weeks of the Contract Date
32.2	The <i>Supplier</i> submits revised programmes at intervals no longer than	4 weeks
4	Testing and defects	
42	The <i>defects date</i> is	On the day of the delivery.
43.2	The <i>defect correction period</i> is	1 weeks (To be negotiated between Purchaser and Supplier based on criticality of spares)
42.2	The <i>defects access period</i> is	To be negotiated between Purchaser and Supplier

5	Payment	
50.1	The <i>assessment interval</i> is	After each delivery and acceptance of spares
51.1	The <i>currency of this contract</i> is the	South African Rand
51.2	The period within which payments are made is	30 Days
51.4	The <i>interest rate</i> is	<p>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</p> <p>(ii) the LIBOR rate applicable at the time for amounts due in other currencies. LIBOR is the 6 month London Interbank Offered Rate quoted under the caption "Money Rates" in The Wall Street Journal for the applicable currency or if no rate is quoted for the currency in question then the rate for United States Dollars, and if no such rate appears in The Wall Street Journal then the rate as quoted by the Reuters Monitor Money Rates Service (or such service as may replace the Reuters Monitor Money Rates Service) on the due date for the payment in question, adjusted <i>mutatis mutandis</i> every 6 months thereafter and as certified, in the event of any dispute, by any manager employed in the foreign exchange department of The Standard Bank of South Africa Limited, whose appointment it shall not be necessary to prove.</p>
6	Compensation events	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	Title	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.
8	Risks, liabilities, indemnities and insurance	
80.1	These are additional <i>Purchaser's</i> risks	<ol style="list-style-type: none"> 1. Supplier not Suppling goods in time can result in outage slip or plant shutdown. 2. Supplier not meeting quality requirements can result in financial and production loss. 3. Incorrect Specification used can result

		in production losses/financial loss/PFMA violation and outage slip.
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	R0.0 (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	<p>(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 described in the "Format A" insurance policy available</p> <p>and</p> <p>(2) for all other existing <i>Purchaser's</i> property the highest applicable deductible (first amount payable) namely:</p> <ul style="list-style-type: none"> • R15 million (fifteen million Rand) for Generation Division property; <p>See notes in Annexure B</p>
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:	[This is a commercial decision, but consider using the total of the Prices. Delete this note after inserting a Rand amount]
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	[This is a commercial decision, but consider using at least the total of the Prices. Delete this note after inserting the Rand amount]
88.5	The <i>end of liability date</i> is	until product is utilised the period of warranty of the product should commence from the date of use or installation of the product because we cannot determine if the goods were defect or not unless they were in use. As long as the one can objectively determine the date of use or installation and for as long as the goods were not stored for an unreasonably long period in good conditions of storage.

9 Termination and dispute resolution

94.1	The <i>Adjudicator</i> is	the person selected from the ICE-SA Division (or its successor body) of the South African Institution of Civil Engineering Panel of
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	Adjudicators by the Party intending to refer a dispute to him. (see www.ice-sa.org.za). If the Parties do not agree on an Adjudicator the Adjudicator will be appointed by the Arbitration Foundation of Southern Africa (AFSA).
Address	To be known once the dispute arises.
Tel No.	To be known once the dispute arises.
Fax No.	To be known once the dispute arises.
e-mail	To be known once the dispute arises.

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	[to be announced] South Africa
	The person or organisation who will choose an arbitrator	
	- if the Parties cannot agree a choice or	the Chairman for the time being or his nominee of the Association of Arbitrators (Southern Africa) or its successor body.
	- if the arbitration procedure does not state who selects an arbitrator, is	

10 Data for Option clauses

X1	Price adjustment for inflation		
X1.1	The <i>base date</i> for indices is	The month prior to the enquiry closing date.	
	The proportions used to calculate the Price Adjustment Factor are:	proportion	linked to index for
			Index prepared by
		0.	[•]
		0.	[•]
		0.	[•]
		0.	[•]
		0.	[•]
		15%	non-adjustable
		100%	
X2	Changes in the law		

X2.1	A change in the law of	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	0.5% (zero point five per centum) increments of the batch order value per calendar day late, until damages have accumulated to 10% of the batch order.
X17	Low performance damages	
X17.1	The amounts for low performance damages are:	Stated in the Purchaser's goods information
Z	The additional conditions of contract are	
		Z1 to Z12 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.

Z 12.1 A Committing Party may not take any Prohibited Action during the course of the procurement of this contract or in execution thereof.

Z 12.2 The *Purchaser* may terminate the *Supplier's* obligation to Provide the Goods and 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 Goods and Services for this reason.

Z 12.3 If the *Purchaser* terminates the *Supplier's* obligation to Provide the Goods and Services for this reason, the procedures and amounts due on termination are respectively P1, P2 and P3, and A1 and A3.

Z 12.4 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><i>Purchaser's</i> 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	Per the insurance policy document

Business Interruption	
Nuclear Material Damage Terrorism	Per the insurance policy document

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 *Purchaser's* 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, 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 2010³ 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	

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

³ 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].

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 Supplier	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 border="1"> <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>[•]As per batch order</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	[•]	[•]As per batch order	2	[•]	[•]	3	[•]	[•]
	<i>goods and services</i>	<i>delivery date</i>												
1	[•]	[•]As per batch order												
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	%												

PART 2: PRICING DATA

NEC3 Supply Contract

Document reference	Title
C2.1	Pricing assumptions
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:

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 <ul style="list-style-type: none">• 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>. <p>Any tax which the law requires the <i>Purchaser</i> to pay to the <i>Supplier</i> is included in the amount due.</p>

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*

Spares requirement

Stock number	Short Description	UMC	QTY
73224	Kit, Seal repair	EA	10
220063	SEAL: TYPE PRESSURE, 57 ID X 65 OD X 10 THK	EA	100
222746	BOLT ASSY:MP;M20;LG 225	EA	100
52812	GLASS TUBE 1930x20x2,5mm	EA	10
104228	SEAL,RUBBER 27X19X15 GAUGE GLASS	EA	50
219942	FILTER: TYPE CARTRIDGE, SIZE 250 MM ID X 320 MM OD X 325 MM LG	EA	10
215899	ASSY:FLOATING BALL AND STEM	EA	10

Stock number	Short Description	UMC	QTY
215900	KIT: BALL V/V 50 MM SEAL KIT	EA	10
579373	GEARBOX: ACTUATOR; 4:1;24 RPM	EA	5
29837	BEARING, BALL:6206-2Z	EA	10
075335	SEAL MECHANICAL	EA	10
51872	SCREEN: FILTER; MESH	EA	5
219878	SEAL, OIL: TYPE DOUBLE LIP - INPUT SHAFT	EA	10
219880	SEAL, OIL: TYPE DOUBLE LIP - OUTPUT SHAFT	EA	10
52820	PACKING: PREFORMED: ID 698 X OD 753.1 X 45 Consist of 2 parts	EA	20
104225	PACKING: PREFORMED: ID 680 x OD 720 x 30 45-degree taper	EA	20
73254	RING, PISTON	EA	10
73253	RING, SCRAPER	EA	10
73255	ASSY: STEM/DISC;	EA	5
104408	SEAL: VIRINTA 245.2 x 280 x 24	EA	10
104234	SEAL: VIRINTA 225 x 194,2 x 28	EA	10
104409	SEAL: VIRINTA 193 x 224 x 32	EA	10
104407	SEAL: VIRINTA 99 x 82 x 17	EA	10
73256	ASSY: STEM/DISC;	EA	10
101527	SEAL: VIRINTA 224 x 194,2 x 32	EA	10
101522	SEAL: VIRINTA 245.2 x 280 x 20	EA	10
161882	GAUGE, PYREX H/P 1050LGX16MM OD	EA	5
161884	GLASS, GAUGE 1220MMX20MM	EA	5

Stock number	Short Description	UMC	QTY
627451	COOLER FLD INDSTRL:7-03953A; WATER	EA	5
58553	STEAM TRAP	EA	5
63836	BALL FLOAT	EA	5
101460	Seal flange	EA	5
632139	LP Heater plugs	EA	5
655425	PIPE, METALLIC: OD 323.9 MM; x 4MM WT	EA	5
659679	PLUG:EXPANDABLE RUBBER	EA	5
29942	BEARING,BALL:6308-2RS	EA	5
30267	BEARING, BALL:6307-2RS	EA	5
32254	BEARING, BALL:6307-2Z	EA	5
214022	COVER DUST STEEL	EA	5
214024	SHAFT 548mm x 30mm S/S	EA	5
215892	SEAL, MECHANICAL	EA	5
632001	VT-40 Plate Heat Exchanger Plate Stainless Steel material and fitted with Nitrile clip on rubber gaskets (316ss 0.6mm)	EA	5
101479	GASKET SET: SEAL;HEAT EXCHANGER;171	EA	20
631454	VT40 Port rings	EA	20
631452	NBR Gasket	EA	20
631929	M30 Bolts	EA	50
631928	Nuts	EA	50
240298	COUPLING TURBOFLEX	EA	10
240299	COUPLING TURBOFLEX BOLTS	EA	10
240300	COUPLING TURBOFLEX MEMBRANE	EA	10
235230	PUMP PACKING 18 MM BURGMANN 6230/SL	EA	5
141142	STAND-BY OIL PUMP COMP WITH MOTOR	EA	5

Stock number	Short Description	UMC	QTY
152127	INDICATOR, FLOW 15MM 0.04-0.20L/SEC KYTOL	EA	5
152128	INDICATOR, FLOW 15MM 0.05-0.30L/SEC KYTOL	EA	5
152129	INDICATOR, FLOW 20MM 0.10-0.50L/SEC KYTOL	EA	5
152130	INDICATOR, FLOW 20MM 0.20-1.00L/SEC KYTOL	EA	5
154347	INDICATOR, FLOW 32MM 0.20-2.00L/SEC KYTOL	EA	5

PART 3: SCOPE OF WORK

SUPPLY AND DELIVER ITEMS LISTED ON THE PRICE SCHEDULE

- Drawings will be provided Annexure C

Document reference	Title
	This cover page
C3.1	<i>Purchaser's</i> Goods Information
C3.2	<i>Supplier's</i> Goods Information

C3.1: PURCHASER'S GOODS INFORMATION

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1 Overview and purpose of the goods and services

Supply and Delivery of Turbine Auxiliaries Off-The-Shelf Spares at Hendrina Power Station- Main Stores on an "as and when required" basis.

2 Specification and description of the goods

As per full technical specification given on Goods Information / Price schedule Specifications (include Environmental specification) and drawing Numbers (where applicable). The *Supplier* implements a quality system and maintains the quality system until the delivery of all consumables. The system will be to the *Purchaser's* satisfaction and will be accepted prior to the signing of the *contract*. The *Supplier* will be subject to periodic audits by the *Purchaser* in order to ensure compliance with the system. Any deviations will be corrected to the *Purchaser's* satisfaction.

Technical Specifications

Material No	Long Description
73224	KIT, VALVE REPAIR: TYPE: CONTROL; DEARATOR OVERIDER; COMPRISING: 3 OFF VITON RU QI TYPE WITH RETAINING RINGS 52-70-10/1,3 OFF VITON O RINGS H152, 1 X VITON SQUARE RING 82-3-3, 1 X RETAINING RING/SEAL 255-293-10/45
220063	PACKING, PREFORMED: INSIDE DIAMETER: 57 MM, OUTSIDE DIAMETER: 65 MM, THICKNESS: 10 MM, TYPE: PRESSURE, MATERIAL: GRAPHITE PURE 99 PCT; WITH 45DEG ANGLE TAPER TO THE INSIDE ON ONE END, IT IS CRITICAL FOR ALL SIZES TO BE ACCURATE AND HAVE SMOOTH FINISHES, FOR USE ON HPH F/W OUTLET I/V BYPASS, RING (SQUARE), MATERIAL CERTIFICATE MUST BE SUBMITTED WITH DELIVERY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
222746	BOLT, ASSEMBLY: TYPE: MULTI PURPOSE, NOMINAL DIAMETER: M20, LENGTH: 225 MM, HEAD: HEX, GRADE: 8.8, MATERIAL: HTS, NUT QUANTITY: 1; DIN931
52812	TUBE, METERING: SIZE: 19 MM, LENGTH: 1.96 M, MATERIAL: GLASS; FOR RESERVE FEED WATER TANK (RFT) MINIMUM PRESSURE 3 BAR; 2.5 MM THK
104228	SEAL, RING: TYPE: GAUGE SIGHT GLASS, INSIDE DIAMETER: 19 MM, OUTSIDE DIAMETER: 27 MM, THICKNESS: 15 MM, MATERIAL: VITON; SMOOTH FINISH, OVERALL LENGTH: 15MM, TO BE DELIVERED WITH THE FOLLOWING INFO - SHELF LIFE AND STORAGE METHOD
219942	FILTER: TYPE: CARTRIDGE, DIMENSIONS: ID 250 X OD 320 X LG 325 MM, MATERIAL: POLYOLEFIN THERMALLY BONDED, MICRON: 0.3 UM, SPECIFICATION: CL F9; SUPPL P/N: LP320532C2309; AREA: 2,3 CUBIC METER, NO. OF PLEATS: 100, FOR USE ON RESERVE FEEDWATER TANK
215899	ASSEMBLY: TYPE: FLOATING BALL/STEM, APPLICATION: MICROWIRE FILTER AUTO BLOW DOWN SYSTEM; REFERENCE NO: F514466PT; FLOATING WITH STEM; VALVE SIZE: 50 MM
215900	KIT, VALVE REPAIR: TYPE: BALL 50 MM; SUPPL P/N: F 51; 50MM VALVE; CONSIST OF 1 X 40MM S/TH SEAL 25PCT GL; 1 X 40MM GLAND NUT L/CLIP; 1 X 40MM GLAND NUT STN/STL; 1 X 50MM BODY SEAL V/PTFE; 1 X 40MM GLAND PACK FL GRP; 2 X 40MM DISC SPRING S/S; 2 X 50MM SEAT RING FLOUROFIL N/CPR, USED ON MICRO WIRE FILTER BLOW DOWN SYSTEM

Material No	Long Description
579373	GEARBOX: TYPE: ACTUATOR, RATIO: 4:1, SPEED: 24 R/MIN, POWER: 1000 N M; F14 MOUNTING FLANGES; A DRIVE; GST 16.1; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
29837	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: DOUBLE SHIELD; INSIDE DIAMETER: 30 MM; OUTSIDE DIAMETER: 62 MM; WIDTH: 16 MM; ROW: SINGLE; SUPPL P/N: 6206-2Z; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
075335	Mechanical seal: Latty double face mechanical seal, 0350MFBVCSXN Drawing No: LD11
51872	SCREEN: TYPE: FILTER, MESH SIZE: SQ 28 MM, WIRE SIZE: 0.15 MM, MATERIAL: SS; FINE STRAINING MESH, SUPPLIED IN SHEETS 1.5 SQ M, FOR USE ON MICROWIRE FILTER UNITS 1 AND 6 - 10; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
219878	SEAL, OIL: TYPE: DOUBLE LIP, INSIDE DIAMETER: 1-3/8 IN, OUTSIDE DIAMETER: 2-1/4 IN, WIDTH: 3/8 IN, MATERIAL: NITRILE, SPRING LOADED: YES; SUPPL P/N: D2601225; FOR USE ON MICROWIRE FILTER GEARBOX
219880	SEAL, OIL: TYPE: DOUBLE LIP, INSIDE DIAMETER: 2-1/2 IN, OUTSIDE DIAMETER: 3-1/4 IN, WIDTH: 3/8 IN, MATERIAL: NITRILE, SEALING MEMBER: DOUBLE LIP, SPRING LOADED: YES; SUPPL P/N: D2601325; FOR USE ON MICROWIRE FILTER GEARBOX
52820	GASKET, PRE CUT: DIMENSIONS: ID 698 X OD 753.1 X THK 45 MM, TYPE: CASS HP HEATER PREFORMED, MATERIAL: GRAPHITE PURE 99.8 PCT, SHAPE: RECT; CONSIST OF 2 X 45 DEG PARTS, MUST BE REINFORCED WITH INCONNEL WIRE MESH 16 X 16, STATOTHERM COVER SEAL STYLE 0881/AI7-BURGMANN, OPERATING TEMP OF 250 DEG, OPERATING PRESSURE 204 BAR, MATERIAL CERTIFICATE TO BE ISSUED ON DELIVERY
104225	PACKING, PREFORMED: INSIDE DIAMETER: 680 MM, OUTSIDE DIAMETER: 720 MM, THICKNESS: 30 MM, TYPE: RING, MATERIAL: GRAPHITE PURE 99.8 PCT; BULKE HP HEATER; STATOTHERM COVER SEAL STYLE V881/17, 45 DEG TAPER, MUST BE REINFORCED WITH INCONNEL WIRE MESH 16X16, OPERATING TEMP OF 250 DEG C, OPERATING PRSSURE OF 204 BAR, MATERIAL CERTIFICATE TO ISSUED ON DELIVERY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
73253	RING: TYPE: SCRAPER, INSIDE DIAMETER: 55 MM, OUTSIDE DIAMETER: 65 MM, WIDTH: 3 MM, MATERIAL: STL 1.4086; REFERENCE NO: 209EV21; FOR BABCOCK THREE WAY BYPASS VALVE PERSTA, POSITION 63, D.B THERMAL
73255	ASSEMBLY: TYPE: STEAM/DISC, MATERIAL: 1.4057 CR PLTD; WITH DISC; FOR 3 WAY BYPASS VALVE; COMPLETE WITH HALF RINGS; RETAINING NUT AND LOCKING PLATE; FINISH N4; DISC MATERIAL 15MO3; SEATS HARD FORCED
104408	SEAL: TYPE: VIRINTA, DIMENSIONS: ID 245.2 X OD 280 X THK 24 MM, MATERIAL: GRAPHITE PURE 99.8 PCT; SUPPL P/N: AN18015.4; DRAWING NO: 71529-73439, REV 1; COVER, STYLE V881 45 DEG TAPER, FOR 3-WAY VALVE, SMOOTH FINISHES, MATERIAL CERTIFICATE TO BE SUBMITTED

Material No	Long Description
104234	SEAL: TYPE: VALVE COVER, DIMENSIONS: ID 194.2 X OD 224 X THK 28 MM, MATERIAL: GRAPHITE PURE 99.8 PCT W/REINFORCING; SUPPL P/N: AN19280.4; STYLE V0881/AI7, 45DEGREE TAPER, SMOOTH ID AND OD FINISH, VIRINTA JOINT FOR USE ON BABCOCK 3 WAY VALVE WITH 190BAR MAX PREESURE, MATERIAL CERTIFICATE TO BE SUBMITTED
104409	PACKING, PREFORMED: INSIDE DIAMETER: 193 MM, OUTSIDE DIAMETER: 224 MM, THICKNESS: 32 MM, MATERIAL: GRAPHITE; DRAWING NO: 21.7159.9 POS 8, REV 1; DRAWING NO: AN 142804, REV 1; REFERENCE NO: 27; GASKETS, FOR 3 WAY BYPASS VALVE, MATERIAL SPECIFICATION 21.734 3.9, NONE ASBESTOS, ONLY BURGMANN STATOTHERM COVER SEALS STYLE V881 45 DEGREE TAPER, PURE 99.8PCT ACCEPTABLE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
104407	PACKING, PREFORMED: INSIDE DIAMETER: 82 MM, OUTSIDE DIAMETER: 99 MM, THICKNESS: 17 MM, MATERIAL: GRAPHITE; SHAPE V RING, MATERIAL CERTIFICATE TO BE SUBMITTED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
73254	RING, PISTON: INSIDE DIAMETER: 105 MM, OUTSIDE DIAMETER: 115 MM, THICKNESS: 4 MM, MATERIAL: BRS; REFERENCE NO: 209EV21; POSITION 58; FOR 3 WAY BY-PASS VALVE, PERSTA
73256	ASSEMBLY: TYPE: STEM/DISC, MATERIAL: 1.4057 CR PLTD; AND DISC; FOR T FORM 2 WAY BYPASS VALVE; COMPLETE WITH HALF RINGS; RETAINING NUT AND LOCKING PLATE; FINISH N4; DISC MATERIAL 15MO3; SEAT HARD FACED
101527	PACKING, PREFORMED: INSIDE DIAMETER: 194.2 MM, OUTSIDE DIAMETER: 224 MM, THICKNESS: 32 MM, TYPE: V RING, MATERIAL: GRAPHITE PURE 99.8 PCT; FIG NO: 000694; JOINT AN 19280.4 FOR USE ON 2WAY VALVE AN16075.4 AND AN16074.4 MAX PRESSURE 190 BAR, ONLY BURGMANN STATOTHERM COVER SEALS STYLE V881, 45 DEGREE TAPER, WITH REINFORCING ACCEPTABLE SMOOTH ID AND OD FINISH, MATERIAL CERTIFICATE TO BE SUBMITTED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
101522	SEAL: TYPE: VIRINTA, DIMENSIONS: ID 245.2 X OD 280 X THK 20 MM, MATERIAL: GRAPHITE PURE 99.8 PCT; SUPPL P/N: AN16075.4; SUPPL P/N: AN16074.4; FIG NO: 000694; MAXIMUM PRESSURE 190BAR, FOR 2-WAY VALVE, SMOOTH FINISHES, MATERIAL CERTICATE TO BE SUBMITTED
161884	GLASS, LEVEL GAUGE: DIMENSIONS: OD 20 MM X LG 1.22 M X WALL THK 2.5 MM, TYPE: HIGH PRESSURE, COLOR: CLEAR
58553	TRAP, STEAM: TYPE: AUTOMATIC, CONNECTION: BW, PRESSURE RATING: 250 BAR, MATERIAL: 10CRMO910; REFERENCE NO: BK212; FOR USE ON AEG KANIS TURBINE (BK212 15MM); VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)

Material No	Long Description
63836	FLOAT: TYPE: RD BALL, DIMENSIONS: DIA 195 X LG 273 MM, MATERIAL: SS; SUPPL P/N: 45117-503; VALVE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
101460	SEAL: TYPE: FLANGE, MATERIAL: PTFE; SIZE: 14MM ID; SPECIFICATION: ISO 9002; LENGTH: 5 M; PH VALUE RANGE: 0-14; MAX PRESSURE: 3000 PSI; TEMPERATURE RANGE: -240 TO 300 DEG C
632139	PLUG: TYPE: LP HEATER, SIZE: 17.7 MM, MATERIAL: MILD STL; LENGTH 60.2MM
655425	PIPE, METALLIC: NOMINAL PIPE SIZE DESIGNATION: 323.9 MM, MATERIAL: STL 1.0345, LENGTH: 6 M, WALL THICKNESS: 4 MM, CONSTRUCTION: SEAMLESS, END TYPE: BW, MAXIMUM OPERATING PRESSURE: 1489.27 KPA, MAXIMUM OPERATING TEMP: 40 DEG C, GRADE: P235GH, SPECIFICATION: BS EN 10216-2; DRAWING NO: ITEM42, REV 0; REQUIREMENT DOC: 204-86546783-REV.1; MATERIAL CERTIFICATE 3.1 IN COMPLAINT TO BS EN 10204-2004
659679	PLUG: TYPE: EXPANDABLE RUBBER, SIZE: OD 21 X LG 41.50 MM, MATERIAL: CHLOROPRENE; EXPANDABLE CONDENSER RUBBER PLUG FOR SEALING CONDENSER TUBE LEAKS; RUBBER HARDNESS MUST BE GREATER THAN SHORE 70 BOLT MATERIAL; STAINLESS STEEL; NUT MATERIAL BRASS; MINIMUM BOLT DIAMETER BOLT DIAMETER 6MM; EXTERNAL WASHER MATERIAL BRASS OR STAINLESS STEEL; EXTERNAL WASHER DIAMETER 26.50MM; EXTERNAL WASHER THICKNESS 1MM; INTERNAL WASHER DIAMETER 20MM; INTERNAL WASHER THICKNESS 1MM; DIFFERENTIAL PRESSURE RATING 350KPA; TEMPERATURE RATING 50 DEG C
29942	BEARING, BALL: TYPE: CONRAD; STYLE: DOUBLE SEAL; INSIDE DIAMETER: 40 MM; OUTSIDE DIAMETER: 90 MM; WIDTH: 23 MM; ROW: SINGLE; SUPPL P/N: 6308-2RS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
30267	BEARING, BALL: TYPE: DEEP GROOVE, STYLE: DOUBLE SEAL, INSIDE DIAMETER: 35 MM, OUTSIDE DIAMETER: 80 MM, WIDTH: 21 MM, ROW: SINGLE; SUPPL P/N: 6307-2RS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
32254	BEARING, BALL: TYPE: DEEP GROOVE, STYLE: DOUBLE SHIELD, INSIDE DIAMETER: 35 MM, OUTSIDE DIAMETER: 80 MM, WIDTH: 21 MM, ROW: SINGLE; SUPPL P/N: 6307-2Z; NOTE: MUST BE ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
214022	COVER: TYPE: DUST, DIMENSIONS: ID 34 X OD 67 X THK 8 MM, MATERIAL: STL; FOR NORMAR FLOW PUMP NE/NF 100-250
214024	SHAFT, PUMP: LENGTH: 548 MM, MATERIAL: SS, NOMINAL DIAMETER: 30 MM; SUPPL P/N: 02314; FOR NORMAFLOW PUMP NE/NF 100-250, MIDDLE SIZE 48MM, COUPLING 32MM, BEARING DE 35MM, NDE 40MM, GLAND SLEEVE 38MM

Material No	Long Description
215892	SEAL, MECHANICAL: SHAFT DIAMETER: 38 MM, BODY MATERIAL: BVPPF, APPLICATION: WATER PUMP; SUPPL P/N: 041 592 000; REFERENCE NO: J0281; FACE MATERIAL: CARBON CERAMIC, NORMAL FLOW NE 100-250, MG 921/1.500-G50; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
632001	PLATE: TYPE: HEAT EXCHANGER, DIMENSIONS: WD 425 MM X LG 1.4 M X THK 5 MM, MATERIAL: SS; MANUF P/N: 171/5386; REFERENCE NO: 171/5386; FITTED WITH NITRILE CLIP ON RUBBER; VT40
101479	GASKET SET: TYPE: SEAL, APPLICATION: HEAT EXCHANGER, QUANTITY: 171; MODEL NUMBER: D31157; TYPE GEA AHL BORN; VT 40 PLATE, TWO END PLATE MATERIAL EPDM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)
631454	RING: TYPE: EVAPORATOR, INSIDE DIAMETER: 130 MM, OUTSIDE DIAMETER: 145 MM, WIDTH: 8 MM, MATERIAL: VITON; VT40
631452	GASKET: TYPE: SEALING, DIMENSIONS: ID 13.5 X THK 2 MM, MATERIAL: RUBBER; GASKET O RING; PLATE HEAT EXCHANGER; HOLLOW STRIP; SECTIONAL SHAPE O SHAPE
631929	NUT: TYPE: HEAT EXCHANGER, DIAMETER: 30 MM, THREAD: V THREAD, MATERIAL: MILD STEEL
631928	STUD: TYPE: PLATE HEAT EXCHANGER, DIAMETER: 30 MM, THREAD: V THREAD, LENGTH: 1.05 M, MATERIAL: MILD STEEL, THREAD LENGTH: 3 MM
240298	COUPLING, SHAFT FLEXIBLE: TYPE: TURBOFLEX; BORE DIAMETER: 101 X 81 MM; MATERIAL: STL; MODEL NUMBER: HBS1500-8; 276 MM OUTSIDE DIAMETER, 472 MM LENGTH, FOR USE ON 50PST KSB FEED PUMP HCD6N/8, ITEM TO BE PACKED AND PRESERVED AND CLEARLY MARKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
240299	BOLT: TYPE: TURBOFLEX COUPLING; DIAMETER: 12.5 MM; LENGTH: 64 MM; HEAD: HALF RD; GRADE: B15456-3; MATERIAL: B15456-3; THREAD: 1.5 MM; SPECIFICATION: B15456-3; MODEL NUMBER: HBS1500-8; ON 50 PCT KSB FEEDPUMP HCD6N/8, TO BE SUPPLIERD AS A MATCHED SET OF 16
240300	MEMBRANE: TYPE: TURBOFLEX COUPLING; MATERIAL: STL; MODEL NUMBER: HBS1500-8; SIZE: 180MM DIA X 17.4MM THK, FOR USE ON HBS 1500-8 ON 50PCT KSB FEED PUMP HCD6N/8, ITEMS TO BE PACKED AS A SET AND CLEARLY MARKED
235230	PACKING, BULK: WIDTH: 18 MM; MATERIAL: GRAPHITE/PTFE; SHAPE: SQ; SUPPL P/N: 6230/SL; TO BE SUPPLIED IN MULTIPLES OF 2.5KG OR 5KG BOXES, DEPENDING ON ORDER QUANTITY; BURGMAN BRAND ONLY ACCEPTABLE, NO SUBSTITUTES
141142	PUMP, CENTRIFUGAL: SPEED: 1410 R/MIN, DRIVER: ELECTRIC MOTOR 380 V 1.5 KW, TYPE: OIL CIRCULATING; REFERENCE NO: KF1/24D10KN000DD1; REFERENCE NO: DKF1404 (P0010080046); TYPE KRACHT Z122/23, INSULATED FOR CONTINUOS RUNNING, COMPLETE WITH BELLHOUSING COUPLING AND MOTOR, FOR USE ON ELECTRIC FEED, STANDBY OIL
161882	GLASS, SIGHT: DIMENSIONS: ID 9 MM X OD 16 MM X LG 2 M, MATERIAL: GLASS PYREX, COLOR: CLEAR; HIGH PRESSURE

Material No	Long Description
152127	METER, FLOW: TYPE: LIQUID; CONNECTION: 15 MM; RANGE: 0.04-0.2 L/S; MATERIAL: PLASTIC; MEDIUM: LIQUID
152128	METER, FLOW: TYPE: LIQUID; CONNECTION: 15 MM; RANGE: 0.05-0.3 L/S; MATERIAL: PLASTIC; MEDIUM: LIQUID
152129	METER, FLOW: TYPE: LIQUID; CONNECTION: 20 MM; RANGE: 0.1-0.5 L/S; MATERIAL: PLASTIC; MEDIUM: LIQUID; REFERENCE NO: HRK AC58; REFERENCE NO: HRV
152130	METER, FLOW: TYPE: LIQUID, CONNECTION: BSP 3/4 IN, RANGE: 0.2-1 L/S, MATERIAL: PLASTIC, MEDIUM: LIQUID; MODEL NUMBER: HK-AC56
154347	METER, FLOW: CONNECTION: 32 MM; RANGE: 0-2 L/S; MATERIAL: PLASTIC; MEDIUM: LIQUID
627451	COOLER, FLUID INDUSTRIAL: TYPE: WATER, MATERIAL: SS GR 304, CAPACITY RATING: 45 L/MIN, CORE FRONTAL AREA: 330 MM ² , RELIABILITY INDICATOR: PERFORMANCE CURVE; MANUF P/N: 7-03953A; FLR SAMPLE COOLER; SHELL RATINGS 31 BAR @ 343 DEG C; TUBE RATING 345 @ 538 DEG C; TUBE MATERIAL 316/316 SHELL MATERIAL 304SS; AREA 0.33M ² ; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)

Packaging / Crating

- The *Supplier* shall be responsible for the packaging of all Spares delivered to Hendrina Power Station – Main Stores.
- All the spares supplied *shall* be individually wrapped as per the Hendrina Commercial Stock Preservation and Management procedure

Delivery to Site

- The *Supplier* shall be responsible for the transportation of all Spares delivered to Hendrina Power Station – Main Stores.
- Ownership will only be transferred to the *Purchaser* upon payment

Supply before award of contract

The *Supplier* will provide the following before the contract is awarded:

- Material Certificates to be provided by the *Supplier* upon delivery

2.1 Purchaser's design

- As per OEM. Material specifications, quality control plan, welding procedures, consumable, non-destructive testing, and post weld heat treatment certificates to be supplied with delivery by the supplier

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

- Before the *Supplier* can deliver must insure that it's the correct spares. The *Supplier* will still be liable to supply the correct spares that will precisely be applicable to the Bearings, Plummer Blocks & Sleeves Spares Eskom plant standards

2.3 Other requirements of the *Supplier's* design

- As per OEM and *Purchaser's* specifications

2.4 Use of *Supplier's* design

- As per OEM and *Purchaser's* specifications

2.5 Manufacture & fabrication

- As per OEM. *Supplier* will be required to provide data sheets for all manufactured spares and also provide the pressure testing certificate and material certificates where applicable Certificates will then be the property of the *Purchaser*. As per OEM and *Purchaser's* specifications and drawings

2.6 Factory acceptance testing (FAT)

- QC to be done with the end user before and after delivery. *Supplier* will be required to provide data sheets for all manufactured spares and also provide the relevant certification as mentioned in the technical specifications above

2.7 Other tests and inspections and commissioning in place of use

- All relevant required certificates and test reports to be supplied.
- Additional testing (NDE) by the *Purchaser* as and when required

2.8 Operating manuals and maintenance schedules

- Not Applicable

3 Supply Requirements

- Supply and Delivery of Turbine Auxiliaries Off-The-Shelf Spares
- Requests for delivery will be made on a contract release order starting with a 45 number
- All equipment / spares must be on time of required order date
- Transported by road on suppliers costs and transport
- End user to be informed when delivery will be done at least 2 days upfront
- No deliveries to be done on a Friday, Weekend or public holiday except on an emergency basis indicated by the *Purchaser*
- The *Supplier* must deliver the components between 08:30 to 15:30 Mondays to Thursdays and 8:30 to 11:30 on Fridays .No deliveries to be done on weekends unless prior arrangements done with the *Supplier*, *Purchaser* and stores
- Pallets to convey the batch must be strong enough to carry and transport load at anytime

Batches to be clearly marked and packed according to the required specifications

4 Specification of the services to be provided

- Access to site to be arranged before delivery date
- No Delivery will be accepted without an official contract release order
- Supplier delivery note must indicate partial delivery if partial delivery is made
- The stock number, quantity and material short description must be stated on the delivery note
- Each delivery to be recorded on receiving register and each delivery note must have unique number
- Spares must be well packaged and safely transported

5 Constraints on how the *Supplier* Provides the Goods

5.1 Programming constraints

- All equipment / spares must be on time of required order date
- End user to be informed when delivery will be done at least 2 days after the Purchase Order release and send to the supplier.
- Lead time should be included when tendering.

5.2 Work to be done by the Delivery Date

- All equipment / spares must be on time of required order date
- Transported by road on suppliers costs and transport
- The *Purchaser* to acknowledge receipt of goods by stamping and signing the delivery note of the *Supplier* upon delivery, rejected items to be communicated after the official quality inspection is done on site by the end user of the spares rejected must be collected and the correct supplied within 7 days
- Only spares specified will be accepted. Any spares that does not meet the specifications will be rejected

5.3 Marking the goods

Batches to be clearly mark and packed according to the required specifications as follows:

- Name of *Supplier*
- Purchase order number
- Material number
- Serial / part number
- Quantity delivered
- And each Component must have a unique identification linked to the relevant *Supplier*
- Short description

Supply and marking of the components shall be done as per the table below.

5.4 Constraints at the delivery place and place of use

- *Supplier* to have the correct access to site approved
- End user will determine the offloading point at time
- Forklift with driver will be supplied for offloading
- Pallets to convey the batch must be strong enough to carry and transport load at anytime
- Supplier might not be the only supplier delivering on that day and has to wait for assistance

5.5 Cooperating with Others

- Co-operation with others will be from time to time and on a as and when required basis on request by the *Purchaser*

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

- The *Purchaser* will determine the offloading point at time
- The *Purchaser* will provide resources to offload the spares being delivered (Forklift and cranes)
- The *Supplier* will offload small spares

Number	Title	Issued by
Act 85 of 93	Occupational Health and Safety Act	<i>Supplier</i>

5.7 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	TBC	TBA	TBC
Overall contract progress and feedback	TBC	TBA	<i>Purchaser and Contractor</i>

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

- Attendance of meetings as required by *Purchaser* Such as:-
 - Any meeting requested by the *Purchaser* or *Supplier*

5.8 Documentation control

- Each instruction, certificate, submission, proposal, record, acceptance, notification, reply and other communication which this contract requires is communicated in a form which can be read, copied and recorded.
- Writing is in the Language of this contract.
- All reports to be discussed, compiled and handed in to the *Purchaser*
- All communications must be printed and filed in the *Purchaser* file

5.9 Health and safety risk management

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

- All The *Purchaser's* health and safety procedures and regulations to be adhered to by the *Supplier*
- A SHEQ file to be handed in at the SHEQ department for approval prior to work commencement and kept up to date for the duration of the contract

SHEQ Policy

Eskom SHEQ Policy

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

Compliance with the *Purchaser's* SHEQ Policy and applicable regulations is the responsibility of every employee and *Supplier*

Supplier's SHEQ Policy

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

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

SHE PLAN REQUIREMENTS:-

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

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

Health and Safety Arrangements

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

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

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

Health and safety

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

- SHEQ Policy 32-727
- The *Purchaser's* Procurement and Supply Chain Management Procedure 32-1034

- SHE Requirements for the *Purchaser's* Commercial Process 32-726
- *Supplier* Health and Safety Requirements 32-136
- Integrated SHE Organization; Roles and Responsibilities and Statutory Appointments 32- 296
- Live-saving Rules 240-62196227
- Working at Heights 32-418
- The *Purchaser's* Vehicle Safety Specifications 32-345
- the *PurchaserSupplier* SHEQ Specifications 14RISK SRM - 084

Site Regulations and Procedures

Site Regulations

The latest revision the *Purchaser's* Site Regulations form part of this contract. Copies of these procedures are available on request.
(Any additional site regulations implemented will be applicable)
Safety risk management

"Standard for Health and Safety at Hendrina Power Station - requirements to be met by *Contractors*".

Vehicle and driver safety

All drivers, passengers and pedestrians must obey vehicle safety requirements in terms of the National Road Traffic Act, Act No 93 of 1996, as amended, including other relevant provincial or local requirements.

Speed Limit

All vehicles must be driven with due consideration for personnel and property. All speed limits will be adhered to on the premises at all times.

Transportation of passengers: open LDV's:

With effect from 31 May 2006 no *purchaser's* employee or *Supplier* would be allowed to transport passengers on the back of open light delivery vehicles (LDV's). It is a legal requirement to provide safe transportation of the *purchasers* and *Supplier* employees – therefore the following will be enforced:

The *Employer's* Life Saving Rules:

Five Life Saving Rules have been developed that will apply to all the *Employer's* employees, agents, Consultants and Contractors.

- Rule 1: Open, Isolate, Test, Earth, Bond, And / Or Insulate before touch - that is any plant operating above 1 000 V.
- Rule 2: Hook up at heights - no person may work at height where there is a risk of falling.
- Rule 3: Buckle up – no person may drive any vehicle for the *Employer's* business and/or on the *Employer's* premises: unless the driver and all passengers are wearing seat belts.

The *Purchaser* takes a "ZERO TOLERANCE" attitude to drivers and passengers who do not wear safety belts when driving in a vehicle for the *Employer's* Business and / or on the *Employer's* premises. The violation of this very important safety rule as well as any safety rule while performing work for or on behalf of the *Purchaser* may result in the *Purchaser* terminating your obligation to perform work in terms of your contract with the *Employer*.

All occupants must wear their safety belts properly, and must never put the shoulder belt under their arm or behind their backs. Drivers and all passengers must buckle-up at all times for the sake of themselves and their families.

- Rule 4: Be sober (no person is allowed to work under the influence of drugs and Alcohol).
- Rule 5: Use a permit to work – where an authorization limitation exists, no person shall work without the required permit to work.

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

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

The *Supplier* shall appoint a person who will liaise with the *Purchaser's* Safety Officer responsible for the premises relevant to this contract.

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

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

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

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

All work stoppages called by the *Purchaser* to be adhered to

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

First aid and fire fighting

Adequate first aid and firefighting equipment to be provided by the *Purchaser*
All *Supplier* personnel must have First aid and firefighting training
Fire extinguishers to be provided by the *Contractor*

Fire Precautions

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

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

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

Security, fire protection and safety

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

Fire protection

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

Safety and incident prevention

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

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

Reporting of accidents

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

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

Occupational Health and Safety Act 85 Of 1993 – SECTION 37

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

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

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

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

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

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

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

Safety Regulations of the *Purchaser*

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

Barricading / Screens and Scaffolding:

The *Supplier* shall provide and install fixed barricades and warning devices to ensure that equipment and people are not exposed to danger or to prevent access to dangerous areas.

The *Purchaser* will supply scaffolding if not stated differently in the Works Information. Arrangements of such must be made at least one- (1) week in advance by the *Contractor*. (Tampering of any approved scaffold is not allowed for any adjustments – The *Supply Manager* should be notified of any adjustments.)

5.10 Environmental constraints and management

- The *Supplier* shall comply with Hendrina Power Station environmental management system. This includes the identification, collection, storage, transportation and disposal of waste. Hazardous waste shall be disposed of in line with the applicable environmental legislation. It is important to note that all spillages must be cleaned immediately and reported to the *Supply Manager* as soon as possible. It is the responsibility of the polluter to clean all spillages and for the rehabilitation of the polluted land. The clean-up cost is for the *Contractor's* account.

5.11 Quality

The *Purchaser* is in the process of implementing an ISO 9001 series, therefore the *Supplier* will be expected to implement a quality system and maintains the quality system until the completion of this contract. The *Supplier* will comply with the provisions of the ISO 9001 series

The *Supplier* will work according to the *Purchaser's* standards, specifications, guidelines and procedures. Where no standards, specifications, guidelines and procedures are available, the *Supplier* will work according to the Generation Quality manual and professional guidelines.

- Quality process in Hendrina -15MNT MSS QCP-0080
- Quality Control Plan and Contract Plan Approval Process Standard 39-71.
- SANS Approved standards
- QM58 – Eskom's Quality Requirements

5.12 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* payment certificate.

The *Supplier* shall address the tax invoice to

and include on each invoice the following information:

- Name and address of the *Supplier* and the *Supply Manager*;
- The contract number and title;
- *Contractor's* VAT registration number;
- The *Purchaser's* VAT registration number 4740101508;
- Description of service provided for each item invoiced based on the Price List;
- Total amount invoiced excluding VAT, the VAT and the invoiced amount including VAT;
- Purchase order number
- CPA calculation sheet

- CPA calculation sheet and the Invoice for CPA on the Invoice to be send to the financial department as per the *Employer's* Invoicing procedure / instruction

5.13 Insurance provided by the *Purchaser*

- Not Applicable

5.14 Contract change management

- In a case where one *Supplier* takes over from another *Contractor*, the Site *Supply Manager* must be notified in writing immediately.
- The *Supplier* does not cede, delegate or assign any of its rights or obligations to any person without the written consent of the *Purchaser*
- Changing the Service Information
- Access
- Provision by the *Purchaser*
- Stopping work
- Work of the *Purchaser* or others
- Reply to communication
- Changing a decision
- Withholding acceptance
- Delayed tests or inspections
- Change of Affected property
- Materials, facilities, etc. for tests
- *Purchaser* risks
- Assumption about Compensation Events
- *Purchaser* breach of contract

5.15 Provision of bonds and guarantees

- Not Applicable

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

- Will be done as per Eskom assessments, invoicing and payment procedure and requirements.

6 Procurement

6.1 Subcontracting

6.1.1 Preferred subcontractors

- Subcontracting will be approved by the *Supply Manager* if it is required to do subcontracting or as per SDL&I requirements

6.1.2 Limitations on subcontracting

- Subcontracting will be approved by the *Supply Manager* if it is required to do subcontracting or as per SDL&I requirements

6.1.3 Spares and consumables

- Not Applicable

6.1.4 Other requirements related to procurement

- To be negotiated with *Supply Manager*

6.1.5 Cataloguing requirements by the *Supplier*

- To be communicated with *Supply Manager*

7 List of drawings

7.1 Drawings issued by the *Purchaser*

As per OEM specifications and *Purchaser* drawings

8 X17 - Low performance damages

X17.1 SERVICE LEVEL TABLE			
No	DESCRIPTION OF TASK	QUALITY OF PERFORMANCE REASON FOR DAMAGES	DAMAGES TO BE IMPLEMENTED
1	On time delivery	All deliveries to be delivered as per agreed lead time stated on order number	2 % of order value for one day late and 5% for more than one day
2	Packing and preliminary marking of goods before delivery	All items must be wrapped with clear, plastic, bubble wrap that is clear or be placed inside cardboards for preservations purposes The marking should be as follows Name of Supplier, Purchase order number, Part number and delivery date	2 % of order value

9 - Key Performance Indicators (only a sample below)

Contract _____										Contract _____																		
Contract Number _____																												
YEAR:-																												
Monthly Report for: Contractual Period																												
	KPA	Objective	Weight	Base	Target	Ceiling	Mth 1	Mth 2	Mth 3	Mth 4	Mth 5	Mth 6	Mth 7	Mth 8	Mth 9	Mth 10	Mth 11	Mth 12	YTD		YE							
																								A	S	A	S	
1																												
2																												
3																												
4																												

A= ACTUAL YTD = YEAR TO DATE S = SCORE YE = YEAR END

C3.2 SUPPLIER'S GOODS INFORMATION

- As per OEM specifications
 - All relevant documentation to be handed in as requested from *Purchaser / Supply Manager*
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