

Supply, delivery, and off-loading of DHP Drives spares to Matimba Power Station on an as when required bases for a period of Five years.



NEC3 Supply Contract (SC3)

Between ESKOM HOLDINGS SOC Ltd

(Reg No. 2002/015527/30)

and [Insert at award stage]

(Reg No. _____)

for : Supply, delivery, and off-loading of DHP Drives spares to Matimba Power Station on an as when required bases for a period of Five years

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 *Purchaser*

[•]

C1.2b Contract Data provided by the *Supplier*

[•]

[to be inserted from Returnable Documents at award stage]

C1.3 Proforma Guarantees

[•]

Supply, delivery, and off-loading of DHP Drives spares to Matimba Power Station on an as when required bases for a period of Five years.

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, delivery, and off-loading of DHP drive spares to Matimba Power Station on an as when required bases for a period of Five 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	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

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*.

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

Supply, delivery, and off-loading of DHP Drives spares to Matimba Power Station on an as when required bases for a period of Five years.**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.

Supply, delivery, and off-loading of DHP Drives spares to Matimba Power Station on an as when required bases for a period of Five years.**Schedule of Deviations to be completed by the *Purchaser* prior to contract award**

Note:

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

No.	Subject	Details
1		
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

Supply, delivery, and off-loading of DHP Drives spares to Matimba Power Station on an as when required bases for a period of Five years.

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	W1: Dispute resolution procedure
		X1: Price adjustment for inflation
		X2: Changes in the law
		X7: Delay damages
		Z: Additional conditions of contract
		All Z clause are all applicable
	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.	

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

10.1	The <i>Supply Manager</i> is (name):	S. Honono
	Address	Eskom Holdings SOC Limited (Reg No: 2002/015527/06) Matimba Power Station Private Bag x215, Lephalale 0555
	Tel	014 763 8803
	Fax	N/A
	e-mail	Hononos@eskom.co.za
11.2(13)	The <i>goods</i> are	Supply, delivery, and off-loading of DHP Auxiliary spares to Matimba Power Station on an as when required bases for a period of Five years
11.2(14)	The following matters will be included in the Risk Register	None
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	5 working days
2	The <i>Supplier's</i> main responsibilities	Data required by this section of the core clauses is provided by the <i>Supplier</i> in Part 2 and terms in italics used in this section are identified elsewhere in this Contract Data.
3	Time	
30.1	The <i>starting date</i> is.	TBC

Supply, delivery, and off-loading of DHP Drives spares to Matimba Power Station on an as when required bases for a period of Five years.

30.1	The <i>delivery date</i> of the <i>goods</i> and <i>services</i> is:	Will be stated in every purchase order
31.1	The <i>Supplier</i> is to submit a first programme for acceptance within	04 weeks of the Contract Date.
32.2	The <i>Supplier</i> submits revised programmes at intervals no longer than	08 weeks.
4	Testing and defects	
42	The <i>defects date</i> is	2 weeks after delivery
43.2	The <i>defect correction period</i> is	4 weeks
42.2	The <i>defects access period</i> is	5 Days or as agreed by the parties
5	Payment	
50.1	The <i>assessment interval</i> is	Once goods receipt and QC have been Accepted
51.1	The <i>currency of this contract</i> is the	South African Rand
51.2	The period within which payments are made is	As per Eskom Payment terms applicable to vendor registration

51.4 The *interest rate* 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

(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 *mutatis mutandis* 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.

6	Compensation events	Follow compensation event process as guided on the NEC contract
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	
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	R250 000.00

Supply, delivery, and off-loading of DHP Drives spares to Matimba Power Station on an as when required bases for a period of Five years.

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:	The total of the Prices
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	The total of the Prices
88.5	The <i>end of liability date</i> is	N/A
9	Termination and dispute resolution	As guided under termination clause on the NEC contract. Breach of contract and depletion of funds.
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 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 Tel No. Fax No.

e-mail

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

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10	Data for Option clauses										
X1	Price adjustment for inflation										
X1.1	The <i>base date</i> for indices is The proportions used to calculate the Price Adjustment Factor are:	CPA will be applicable 16 months from the base date (one month prior to tender closing) irrespective of the contract start date. <table border="1"> <thead> <tr> <th>Weighting</th><th>Description</th><th>Index</th></tr> </thead> <tbody> <tr> <td>85%</td><td>Material</td><td>SEIFSA Table G-1 Mechanical Engineering</td></tr> <tr> <td>15%</td><td>Fixed</td><td></td></tr> </tbody> </table>	Weighting	Description	Index	85%	Material	SEIFSA Table G-1 Mechanical Engineering	15%	Fixed	
Weighting	Description	Index									
85%	Material	SEIFSA Table G-1 Mechanical Engineering									
15%	Fixed										
X2	Changes in the law	It will be a compensation event									
X2.1	A change in the law of	South Africa is a compensation event if it occurs after the Contract Date									

X7	Delay damages	Will be determined as per NCR raised	
X7.1	Delay damages for Delivery are	Delivery of	amount per day
		Incorrect item or late delivery	1 day-1% of the PO
			2 day-2% of the PO
			3 day-3% of the PO
			4 day-4% of the PO
			5 day-5% of the PO
			6 day-6% of the PO
			7 day-7% of the PO
			8 day-8% of the PO
			9 day- 9% of the PO
			10 day-10% of the PO
Z	The <i>additional conditions of contract</i> 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

Supply, delivery, and off-loading of DHP Drives spares to Matimba Power Station on an as when required bases for a period of Five years.

- 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

Supply, delivery, and off-loading of DHP Drives spares to Matimba Power Station on an as when required bases for a period of Five years.

- 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,
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Supply, delivery, and off-loading of DHP Drives spares to Matimba Power Station on an as when required bases for a period of Five years.

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.

Supply, delivery, and off-loading of DHP Drives spares to Matimba Power Station on an as when required bases for a period of Five years.

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 <i>Supplier</i> provides the insurances stated in the Insurance Table A for events which are at the <i>Supplier's</i> risk from the <i>starting date</i> until the last <i>defects date</i> 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	The amount required by the applicable law

their employment in connection with this contract	
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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 limit 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

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

Supply, delivery, and off-loading of DHP Drives spares to Matimba Power Station on an as when required bases for a period of Five years.

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 affected 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.

Supply, delivery, and off-loading of DHP Drives spares to Matimba Power Station on an as when required bases for a period of Five years.

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:

[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
D	arrival	DDP	Matimba Power Station, Lephalale

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

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

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

Supply, delivery, and off-loading of DHP Drives spares to Matimba Power Station on an as when required bases for a period of Five years.

The Supply Requirements for this contract are as follows:

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.
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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*

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

Notes to a tendering supplier:

1. Please read both the NEC3 Supply Contract (SC3)⁴ and the relevant parts of its Guidance Notes (SC3-GN)⁵ in order to understand the implications of this Data which the tenderer is required to complete.
2. The number of the clause which requires the data is shown in the left-hand column for each statement however other clauses may also use the same data
3. Where a form field like this [] appears, data is required to be inserted relevant to the option selected. Click on the form field **once** and type in the data. Otherwise, complete by hand and in ink.

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

Clause	Statement	Data
10.1	The <i>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)

⁴ Either April 2013 or December 2009 Edition as stated by *Purchaser* in Contract Data part 1.

⁵ Available from Engineering Contract Strategies Tel 011 803 3008, Fax 086 539 1902, or www.ecs.co.za

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11.2(12) The *price schedule* 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</i> and <i>services</i> is:		
	<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		%

PART 2: PRICING DATA

NEC3 Supply Contract

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

Supply, delivery, and off-loading of DHP Drives spares to Matimba Power Station on an as when required bases for a period of Five years.

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 *price schedule* 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 *Supplier* has completed,
- where a quantity is stated for an item in the Price Schedule, an amount calculated by multiplying the quantity which the *Supplier* has completed by the rate,
- plus other amounts to be paid to the *Supplier*,
- less amounts to be paid by or retained from the *Supplier*.

Any tax which the law requires the *Purchaser* to pay to the *Supplier* 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*

	Material Number	Material Description and Text	Material Specifications	EACH	PRICE
1	25426	BUSH:COUPLING;	BUSH: TYPE: COUPLING; INSIDE DIAMETER: 10 MM; OUTSIDE DIAMETER: 12 MM; LENGTH: 27.6 MM; MATERIAL: BRS RUBBER COATED; DRAWING NO: ESK 20.58/52760 REV 1; 20.58/52760 ESK REV 1; FOR PENCOFLEX PIN; RUBBER SHORE HARDNESS 80, OD 23MM, LENGTH 24.5M		
2	37223	fusible plug = 10mm	PLUG, FUSIBLE: CORE MATERIAL: CU; TEMPERATURE RATING: 160 DEG C; SIZE 10MM DIA X 10MM LGALLEN HEAD; FOR USE ON 562 SVN VOIGHT FLUID DRIVE COUPLING		
3	38676	EP Spider Coupling	SPIDER, COUPLING: COUPLING TYPE: FLEXIBLE; MATERIAL: RUBBER; INSIDE DIAMETER: 114 MM; OUTSIDE DIAMETER: 220 MM; THICKNESS: 36 MM; SUPPL P/N: 230VKR; FOR USE ON 422 TV VOIGHT FLUID DRIVE COUPLING		
4	57142	BE, DE Pulley Shaft	TEE PIPE:8 MM;FBSP;STL;4.6;BS 1740		
5	69780	Coupling,3kW motor - Primary Drive Gearbox	SLEEVE, COUPLING: TYPE: GEAR; DIMENSIONS: ID 51.6 X OD 73 X WD 37 MM; MATERIAL: NYLON; ESCONYL DISC TYPE: 28A, DEPTH 3.2MM, WIDTH 16.5MM, TEETH 34		
6	176806	BTC, Drive Gearbox	GEARBOX: TYPE: TRANSFER; RATIO: 22.36:1; SPEED: 1460/6/56 RPM; POWER: 27.5 KW; REFERENCE NO: RDF43ANBN; RDF4ANBN		
7	176807	CC100, Drive Gearbox,	GEARBOX: TYPE: TRANSMISSION; RATIO: 180.87:1; SPEED: 1460/8.07 RPM; REFERENCE NO: RDE43ANBN		
8	176808	BE, Drive Gearbox	GEARBOX: TYPE: REDUCER; RATIO: 50:076; SPEED: 1480/29.5 RPM; POWER: 55		

			KW; APPLICATION: DHP; REFERENCE NO: RDE33QKS CTN		
9	248724	EP Coupling Set	COUPLING, SHAFT HALF: TYPE: DRIVE GEAR; BORE: 28 +0.05-0.1 X 24 +0.05-0.1 MM; MATERIAL: STL; MANUF P/N: 28A; TWO COUPLINGS TO BE SUPPLIED; FOR DHP ETG 11- 24 CONVEYORS; 4 MM DEEP X 8 MM WIDE KEY WAY; 2.75 MM DEEP X 8 MM WIDE KEY WAY; M6 GRUBSCREWS MUST BE INSERTED 180 DEG ON THE COUPLING ACROSS THE KEY WAYS IN THE		
10	250844	BE, Fluid Drive Coupling	COUPLING, SHAFT FLEXIBLE: TYPE: FLUID DRIVE; BORE DIAMETER: 50 MM; MATERIAL: ALUMINIUM; REFERENCE NO: HP 400; HYDRO FLOW; PLUG SIZE: 3/8 IN-19 TPI BSP TAPERED WITH 50 MM BORE SIZE		
11	586414	ESP conveyor main drive gearbox	GEARBOX: TYPE: IN-LINE HELICAL GEAR; RATIO: 6.3:1; SPEED: 1430/232.7 RPM; POWER: 3 KW; SHAFT SIZE: 40 MM; APPLICATION: DUST HANDLING PLANT; MANUF P/N: SICF26B6.3-U-B3-100L; GEAR UNIT C/W LANTERN & HIGH HALF SPEED COUPLING; ROTEX 24 (BORED TO D X 100LD FRAME); MOTOR END COUPLING TO BE SUPPLIED LOOSE; GEAR UNIT C/W & HIGH SPEED & LOW SPEED ALUMINIUM ADAPTOR RINGS; LOW SPEED ADAPTOR RING 300 DIA BY 500MM & HIGH SPEED ADAPTOR RING 250MM DIA BY 38MM; THE ADAPTOR RINGS TO BE FIXED TO THE GEAR UNIT; THE GEAR UNIT TO BE SUPPLIED WITH BULLS EYE SIGHT GLASS; PRECIP CONVEYORS		

12	588397	NDE Pulley	PULLEY, CONVEYOR: TYPE: CROWN; DRUM DIAMETER: 900 MM; DRUM WIDTH: 745 MM; MATERIAL: MS; SHAFT DIAMETER: 110 X 60 X 60 MM; SHAFT LENGTH: 1.065 M; FOR DHP BUCKET ELEVATOR NON DRIVE END; TOP SURFACE: 24 X (25MM X 745MM) MILD STEEL BARS; DRUM SHELL THICKNESS: 16MM; SHAFT KEY WAY: LG 745MM X WD 28MM X DIA 7MM; SUPPLIER TO COLLECT THE SAMPLE FOR ACCURATE FABRICATION; THE PULLEY MUST BE SUPPLIED WITH THE MATERIAL CERTIFICATE & DRAWING; ITEMS WILL NOT BE ACCEPTED IF THE REQUESTED DELIVERABLES ARE NOT SUPPLIED		
13	612507	BE, DE Pulley (900mm)	PULLEY, CONVEYOR: TYPE: DRIVE END; DRUM DIAMETER: 900 MM; DRUM WIDTH: 900 MM; MATERIAL: STEEL; SHAFT DIAMETER: 180 MM; SHAFT LENGTH: 1.745 M; FOR DHP BUCKET ELEVATOR; PLATE THICKNESS 16 MM; LAGGING TYPE: DIAMOND; LAGGING THICKNESS: 12 MM; PULLEY MASS INCLUDING BEARINGS: 1260 KG; PULLEY HUB TYPE: TURBINE; BEARING DIAMETER: 140 MM; SHAFT EXTENSION: ONE SIDE		
14	625258	Hold Back	HOLDBACK: TYPE: ANTI RUN BACK; DIMENSIONS: ID 65 MM; MATERIAL: STEEL; RIZ 90-65 MM BORE G3; G2-COVERS; SPROCKET-2		
15	649023	Element	ELEMENT: DIMENSIONS: ID 130 X OD 180 MM; MATERIAL: STAINLESS STEEL; TYPE: LOCKING; SPECIFICATION: EN9; REFERENCE NO: 1015-130X180; NON-SELF-CENTERING; SCREWS DIN912-8.8 M12 X 65; EN9 FORGED MATERIAL; HEAT TREATED TO CONDITION 'R'; TRANSMISSIBLE TORQUE: 33800NM; TRANSMISSIBLE THRUST: 520KN		

16	738123	C100 Rubber Coupling	COUPLING, SHAFT FLEXIBLE: TYPE: FLANGE FLEXIBLE PIN AND BUSH; TAPER LOCK SERIES: keyed, Hub A ID 110: Hub B ID 125 MM; BORE DIAMETER: 110 MM; TORQUE: 225 KW; MATERIAL: CAST IRON; SPEED:1460RPM		
17	756872	COMPRESSION SLEEVE	SLEEVE, COUPLING FLEXIBLE: TYPE: COMPRESSION SLEEVE; OUTSIDE DIAMETER: 24 MM; LENGTH: 30 MM; MATERIAL: RUBBER; MATERIAL GRADE: CHLOROPRENE POLYMERIZATE OR NITRILE RUBBER; BOLT HOLE QUANTITY: 1; BOLT CIRCLE DIAMETER: 10 MM; REFERENCE NO: RE-25-10; MODIFIED NATURAL RUBBER.		

PART 3: SCOPE OF WORK

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

	Total number of pages	

C3.1: PURCHASER'S GOODS INFORMATION

Contents

Contents

№	Material Number	Material Description and Text	Material Specifications
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15	649023	Element	ELEMENT: DIMENSIONS: ID 130 X OD 180 MM; MATERIAL: STAINLESS STEEL; TYPE: LOCKING; SPECIFICATION: EN9; REFERENCE NO: 1015-130X180; NON-SELF-CENTERING; SCREWS DIN912-8.8 M12 X 65; EN9 FORGED MATERIAL; HEAT TREATED TO CONDITION 'R'; TRANSMISSIBLE TORQUE: 33800NM; TRANSMISSIBLE THRUST: 520KN
16	738123	C100 Rubber Coupling	COUPLING, SHAFT FLEXIBLE: TYPE: FLANGE FLEXIBLE PIN AND BUSH; TAPER LOCK SERIES: keyed, Hub A ID 110: Hub B ID 125 MM; BORE DIAMETER: 110 MM; TORQUE: 225 KW; MATERIAL: CAST IRON; SPEED:1460RPM
17	756872	COMPRESSION SLEEVE	SLEEVE, COUPLING FLEXIBLE: TYPE: COMPRESSION SLEEVE; OUTSIDE DIAMETER: 24 MM; LENGTH: 30 MM; MATERIAL: RUBBER; MATERIAL GRADE: CHLOROPRENE POLYMERIZATE OR NITRILE RUBBER; BOLT HOLE QUANTITY: 1; BOLT CIRCLE DIAMETER: 10 MM; REFERENCE NO: RE-25-10; MODIFIED NATURAL RUBBER.

SCOPE OF WORK

Introduction

Eskom, Matimba Power Station Management has decided to outsource the supply and delivery of DHP plant drives to an experienced, well-established, and qualified Service Provider.

This document describes the detail of the applicable requirements, scope of work, specifications, terms & conditions as well as the criteria to qualify for the tender.

Supporting Clauses

Scope

This document sets out the detailed User Scope of Work requirements necessary for All plant Maintenance Services.

Purpose

The purpose of this document is to define a User Scope of Work requirement based on which a supply contract will be established between the Employer and the supplier.

Matimba Power Station is expected to perform at EAF>85, PCLF<8 and UCLF<5, and the supplied material must support this requirement.

It is therefore imperative that the successful and suitably qualified supplier aligns their company fully to these specified user supply requirements scope of work.

Applicability

This document shall apply to the user requirements of supply of DHP plant drives to Matimba Power Station.

Effective date

The effective date of this document is as per the date and signature of the authorizer, as indicated on the cover page.

Normative/Informative References

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

Normative

- [1] ISO 9001 Quality Management Systems.
- [2] 32 – 1034: Procurement and Supply Chain Management Procedure
- [3] 32- Preferential Procurement Policy Framework Act 5 of 2000

Informative

- [1]. 240-62072907: Eskom Delegation of Authority Policy.
- [2]. 240-165040111: Supplier Terms Policy
- [3]. 32-1033: Procurement and Supply chain Management Policy
- [4]. 240-141007195: Electronic Signature usage Policy

[5]. 240-156280553: Procedure for signing documentation electronically using the Eskom electronic signing system.

[6]. 240-168966153: Generation Tender Technical Evaluation Procedure

Definitions

2.3.1. *Ad hoc: A solution designed for a specific problem or task, non-generalizable, and not intended to be able to be adapted to other purposes.*

2.3.2. *Contractor: Partnership agreements and service provider contracted for supplying specific service/goods to Eskom Generation Matimba Power Station.*

2.3.3. *Controlled Disclosure: Controlled disclosure to external parties (either enforced by law, or discretionary.*

2.3.4. *Employer: Eskom or Eskom Generation, Matimba Power Station.*

2.3.5. *Parties: The Employer and the Contractor.*

2.3.6. *Supply Manager: The Employer's representative in regard to the supply contract agreement.*

2.3.7. *Task Order: The Service Manager's instruction to perform a task. SAP PM orders will also be used as task orders.*

Abbreviations

Abbreviation	Description
NECSC	Supply Contract Document
NEC3	New Engineering Contract
URS	User Requirement Specification.
CFT	Cross Functional Team
OEM	Original Equipment Manufacturer.
PCM	Process Control Manual.
PDF	Portable Document Format.
QCP	Quality Control Plan.
SAP	Systems, Applications Products.
TET	Technical Evaluation Team
SME	Subject Matter Expert

Roles and Responsibilities

Supply Manager

1. *Co-ordinating and Manage contract budget and expenses.*
2. *Ensures that the service provider operates within the budget.*
3. *Communicate technical interface between Eskom and the service provider.*
4. *Review, verify and approve receipt of services or deliverables from the goods supplier.*
5. *Manage and maintain records and correspondence between the employer and service provider.*
6. *Ensures that the service provider comply with the terms and conditions of the contract.*
7. *Keep the records of the contract for history and audit purposes.*

Contractor

1. *Supply of spares service to the Employer in accordance with Matimba Power Station procurement process as per spares URS.*
2. *Ensure that quality of spares delivered in Process for Monitoring in accordance to the Scope of Work as stipulated within Matimba Power Station spares URS.*
3. *The supplier shall ensure that all spares are accompanied by their related user specification as per their URS.*

Process of Monitoring

On delivery of spares to Matimba Power station main stores, items will be subjected to quality control (QC) by an End User to ensure that description of delivered items complies with that of the order.

Related/Supporting Documents

[1]. NEC 3 Supply Contract.

Document Content

General

Adherence to Eskom General Policies & Standards

The Supplier shall ensure that their Employees delivering spares to site comply with Eskom's policies and site regulations and Eskom's Life Saving Rules.

Quality Standard

The Supplier shall ensure that the quality of spares delivered to Matimba is as per the ISO 9001 Standard to support Matimba's objective of improving performance.

Document Control

All contractual communication between the Employer and Supplier shall be in written format accompanied by an official letterhead and signed by the authorised Parties.

All attached documentation shall be in the format of Microsoft Word/ Excel and/ or Power Point.

All contractual communication letterheads and attached documentation shall be electronically mailed as per PDF format.

Contractual Meetings

a) ADHOC Meetings can be scheduled and agreed upon

Correspondence

All verbal and non – verbal communication between the Employer and Supplier shall be communicated in an electronic format which can be read or copied.

Task Order

The Contractor shall by no means carry out any maintenance work in terms of the Scope of Work Information, without the approval of the Employer.

The Contractor shall by no means carry out any maintenance work in terms of the Scope of Work Information, without the approval an official SAP Task Order Number being supplied by the Employer to the Contractor

Scope of Work Information

Supply & delivery of DHP Auxiliary spares

№	Material Number	Material Description and Text	Material Specifications	Quantity
1	25426	BUSH:COUPLING;	BUSH: TYPE: COUPLING; INSIDE DIAMETER: 10 MM; OUTSIDE DIAMETER: 12 MM; LENGTH: 27.6 MM; MATERIAL: BRS RUBBER COATED; DRAWING NO: ESK 20.58/52760 REV 1;	240

			20.58/52760 ESK REV 1; FOR PENCOFLEX PIN; RUBBER SHORE HARDNESS 80, OD 23MM, LENGTH 24.5M	
2	37223	fusible plug = 10mm	PLUG, FUSIBLE: CORE MATERIAL: CU; TEMPERATURE RATING: 160 DEG C; SIZE 10MM DIA X 10MM LGALLEN HEAD; FOR USE ON 562 SVN VOIGHT FLUID DRIVE COUPLING	350
3	38676	EP Spider Coupling	SPIDER, COUPLING: COUPLING TYPE: FLEXIBLE; MATERIAL: RUBBER; INSIDE DIAMETER: 114 MM; OUTSIDE DIAMETER: 220 MM; THICKNESS: 36 MM; SUPPL P/N: 230VKR; FOR USE ON 422 TV VOIGHT FLUID DRIVE COUPLING	96
4	57142	BE, DE Pulley Shaft	TEE PIPE:8 MM;FBSP;STL;4.6;BS 1740	
5	69780	Coupling,3kW motor - Primary Drive Gearbox	SLEEVE, COUPLING: TYPE: GEAR; DIMENSIONS: ID 51.6 X OD 73 X WD 37 MM; MATERIAL: NYLON; ESCONYL DISC TYPE: 28A, DEPTH 3.2MM, WIDTH 16.5MM, TEETH 34	48
6	176806	BTC, Drive Gearbox	GEARBOX: TYPE: TRANSFER; RATIO: 22.36:1; SPEED: 1460/6/56 RPM; POWER: 27.5 KW; REFERENCE NO: RDF43ANBN; RDF4ANBN	4
7	176807	CC100, Drive Gearbox,	GEARBOX: TYPE: TRANSMISSION; RATIO: 180.87:1; SPEED: 1460/8.07 RPM; REFERENCE NO: RDE43ANBN	4
8	176808	BE, Drive Gearbox	GEARBOX: TYPE: REDUCER; RATIO: 50:076; SPEED: 1480/29.5 RPM; POWER: 55 KW; APPLICATION: DHP; REFERENCE NO: RDE33QKS CTN	4

9	248724	EP Coupling Set	COUPLING, SHAFT HALF: TYPE: DRIVE GEAR; BORE: 28 +0.05-0.1 X 24 +0.05-0.1 MM; MATERIAL: STL; MANUF P/N: 28A; TWO COUPLINGS TO BE SUPPLIED; FOR DHP ETG 11-24 CONVEYORS; 4 MM DEEP X 8 MM WIDE KEY WAY; 2.75 MM DEEP X 8 MM WIDE KEY WAY; M6 GRUBSCREWS MUST BE INSERTED 180 DEG ON THE COUPLING ACROSS THE KEY WAYS IN THE	4
10	250844	BE, Fluid Drive Coupling	COUPLING, SHAFT FLEXIBLE: TYPE: FLUID DRIVE; BORE DIAMETER: 50 MM; MATERIAL: ALUMINIUM; REFERENCE NO: HP 400; HYDRO FLOW; PLUG SIZE: 3/8 IN-19 TPI BSP TAPERED WITH 50 MM BORE SIZE	48
11	586414	ESP conveyor main drive gearbox	GEARBOX: TYPE: IN-LINE HELICAL GEAR; RATIO: 6.3:1; SPEED: 1430/232.7 RPM; POWER: 3 KW; SHAFT SIZE: 40 MM; APPLICATION: DUST HANDLING PLANT; MANUF P/N: SICF26B6.3-U-B3-100L; GEAR UNIT C/W LANTERN & HIGH HALF SPEED COUPLING; ROTEX 24 (BORED TO D X 100LD FRAME); MOTOR END COUPLING TO BE SUPPLIED LOOSE; GEAR UNIT C/W & HIGH SPEED & LOW SPEED ALUMINIUM ADAPTOR RINGS; LOW SPEED ADAPTOR RING 300 DIA BY 500MM & HIGH SPEED ADAPTOR RING 250MM DIA BY 38MM; THE ADAPTOR RINGS TO BE FIXED TO THE GEAR UNIT; THE GEAR UNIT TO BE SUPPLIED WITH BULLS EYE SIGHT GLASS; PRECIP CONVEYORS	10

12	588397	NDE Pulley	PULLEY, CONVEYOR: TYPE: CROWN; DRUM DIAMETER: 900 MM; DRUM WIDTH: 745 MM; MATERIAL: MS; SHAFT DIAMETER: 110 X 60 X 60 MM; SHAFT LENGTH: 1.065 M; FOR DHP BUCKET ELEVATOR NON DRIVE END; TOP SURFACE: 24 X (25MM X 745MM) MILD STEEL BARS; DRUM SHELL THICKNESS: 16MM; SHAFT KEY WAY: LG 745MM X WD 28MM X DIA 7MM; SUPPLIER TO COLLECT THE SAMPLE FOR ACCURATE FABRICATION; THE PULLEY MUST BE SUPPLIED WITH THE MATERIAL CERTIFICATE & DRAWING; ITEMS WILL NOT BE ACCEPTED IF THE REQUESTED DELIVERABLES ARE NOT SUPPLIED	40
13	612507	BE, DE Pulley (900mm)	PULLEY, CONVEYOR: TYPE: DRIVE END; DRUM DIAMETER: 900 MM; DRUM WIDTH: 900 MM; MATERIAL: STEEL; SHAFT DIAMETER: 180 MM; SHAFT LENGTH: 1.745 M; FOR DHP BUCKET ELEVATOR; PLATE THICKNESS 16 MM; LAGGING TYPE: DIAMOND; LAGGING THICKNESS: 12 MM; PULLEY MASS INCLUDING BEARINGS: 1260 KG; PULLEY HUB TYPE: TURBINE; BEARING DIAMETER: 140 MM; SHAFT EXTENSION: ONE SIDE	16
14	625258	Hold Back	HOLDBACK: TYPE: ANTI RUN BACK; DIMENSIONS: ID 65 MM; MATERIAL: STEEL; RIZ 90-65 MM BORE G3; G2- COVERS; SPROCKET-2	12

15	649023	Element	ELEMENT: DIMENSIONS: ID 130 X OD 180 MM; MATERIAL: STAINLESS STEEL; TYPE: LOCKING; SPECIFICATION: EN9; REFERENCE NO: 1015-130X180; NON-SELF-CENTERING; SCREWS DIN912-8.8 M12 X 65; EN9 FORGED MATERIAL; HEAT TREATED TO CONDITION 'R'; TRANSMISSIBLE TORQUE: 33800NM; TRANSMISSIBLE THRUST: 520KN	16
16	738123	C100 Rubber Coupling	COUPLING, SHAFT FLEXIBLE: TYPE: FLANGE FLEXIBLE PIN AND BUSH; TAPER LOCK SERIES: keyed, Hub A ID 110: Hub B ID 125 MM; BORE DIAMETER: 110 MM; TORQUE: 225 KW; MATERIAL: CAST IRON; SPEED:1460RPM	48
17	756872	COMPRESSION SLEEVE	SLEEVE, COUPLING FLEXIBLE: TYPE: COMPRESSION SLEEVE; OUTSIDE DIAMETER: 24 MM; LENGTH: 30 MM; MATERIAL: RUBBER; MATERIAL GRADE: CHLOROPRENE POLYMERIZATE OR NITRILE RUBBER; BOLT HOLE QUANTITY: 1; BOLT CIRCLE DIAMETER: 10 MM; REFERENCE NO: RE-25-10; MODIFIED NATURAL RUBBER.	6