

SUPPLY AND DELIVERY OF VARIOUS BEARINGS ON AN "AS AND WHEN" REQUIRED BASIS FOR A PERIOD OF THIRTY SIX MONTHS (36) FOR DUVHA POWER STATION

CONTRACT NO. \_\_\_\_\_



## NEC3 Supply Contract (SC3)

Between **ESKOM HOLDINGS SOC LIMITED**  
(Reg No. 2002/015527/06)

and  
(Reg No. \_\_\_\_\_ )

for **SUPPLY AND DELIVERY OF VARIOUS BEARINGS  
ON AN "AS AND WHEN" REQUIRED BASIS FOR A  
PERIOD OF THIRTY SIX MONTHS (36) FOR DUVHA  
POWER STATION.**

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**CONTRACT No.**

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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 various Bearings on an “as and when” required basis for a period of thirty six months (36) for Duvha Power Station.**

The tenderer, identified in the Offer signature block, has

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

By the representative of the tenderer, deemed to be duly authorised, signing this part of this Form of Offer and Acceptance the tenderer offers to perform all of the obligations and liabilities of the *Supplier* under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the *conditions of contract* identified in the Contract Data.

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

**Commented [NM1]:** Please insert (N/A - Price will be determined via e-Auction) in all the columns

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

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

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**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 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.

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**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)

Name &  
signature  
of witness

Date

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

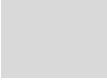
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## C1.2 SC3 Contract Data

### 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	<b>General</b>	
	The <i>conditions of contract</i> are the core clauses and the clauses for Options	<b>X1: Price adjustment for inflation</b> <b>X2: Changes in the law</b> <b>X7: Delay damages</b> <b>Z: Additional conditions of contract</b>
	 of the NEC3 Supply Contract (April 2013)	
10.1	The <i>Purchaser</i> is (name):	<b>Eskom Holdings SOC Limited (Reg No: 2002/015527/06), a juristic person incorporated in terms of the company laws of the Republic of South Africa</b>
	Address	<b>Registered office at Megawatt Park, Maxwell Drive, Sandton, Johannesburg</b>
	Tel No.	<b>+2713 690 0525</b>
	Fax No.	<b>+2786 539 0050</b>
10.1	The <i>Supply Manager</i> is (name):	<b>Vusi Jele</b>
	Address	<b>Duvha Power Station PO Box 2199 Witbank 1035</b>
	Tel	<b>+27 13 690 0164</b>
	Fax	
	e-mail	<b>JeleJV@eskom.co.za</b>
11.2(13)	The <i>goods</i> are	<b>Supply and delivery of various Bearings on an "as and when" required basis for a period of thirty six months (36) for Duvha Power Station.</b>
11.2(13)	The <i>services</i> are	<b>Supply and delivery of various Bearings on an "as and when" required basis for a period of thirty six months (36) for Duvha Power Station.</b>
11.2(14)	The following matters will be included in	<b>1. Delays due to failed quality tests.</b>

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the Risk Register

**2. Delays due to civil unrests**

11.2(15)	The Goods Information is in	<b>Part 3: Scope of Work and all documents and drawings to which it makes reference.</b>
11.2(15)	The Supply Requirements as part of the Goods Information is in	<b>Part 3: Scope of work</b>
12.2	The <i>law of the contract</i> is the law of	<b>the Republic of South Africa</b>
13.1	The <i>language of this contract</i> is	<b>English</b>
13.3	The <i>period for reply</i> is	<b>Three working days</b>
<b>2</b>	<b>The Supplier's main responsibilities</b>	Data required by this section of the core clauses is provided by the <i>Supplier</i> in Part 2 and terms in italics used in this section are identified elsewhere in this Contract Data.

**3 Time**

30.1	The <i>starting date</i> is.	01 March 2024 of as soon as possible thereafter		
30.1	The <i>delivery date</i> of the <i>goods and services</i> is:	<i>goods and services</i>		<i>delivery date</i>
		1	Supply and delivery of various Bearings on an “as and when” required basis for a period of thirty six months (36) for Duvha Power Station.	As and when required
31.1	The <i>Supplier</i> is to submit a first programme for acceptance within	Delivery schedule to be submitted one week after order placement		
32.2	The <i>Supplier</i> submits revised programmes at intervals no longer than	Five working days following the accepted revision to the original program.		

**4 Testing and defects**

42	The <i>defects date</i> is	<b>One (1) week following installation and commissioning on site.</b>
43.2	The <i>defect correction period</i> is	<b>Two (2) weeks (locally, SA)</b>
	except that the <i>defect correction period</i> for Foreign repairs	<b>Four (4) weeks</b>
42.2	The <i>defects access period</i> is	<b>Two(2) working days</b>
	except that the <i>defect access period</i> for Foreign repairs	<b>Foreign repairs are ten (10) days.</b>

**5 Payment**

50.1	The <i>assessment interval</i> is	<b>There will be continuous assessments upon safe delivery of materials to site and having met all the required quality standards and</b>
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signed off.

51.1	The <i>currency of this contract</i> is the	<b>South African Rands</b>
51.2	The period within which payments are made is	<b>Four (4) weeks after invoice received</b>
51.4	The <i>interest rate</i> is	<p>(i) Zero percent above 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 (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	<b>Compensation events</b>	There is no reference to Contract Data in this section of the core clauses and terms in italics used in this section are identified elsewhere in this Contract Data.
7	<b>Title</b>	There is no reference to Contract Data in this section of the core clauses and terms in italics used in this section are identified elsewhere in this Contract Data.
8	<b>Risks, liabilities, indemnities and insurance</b>	
80.1	These are additional <i>Purchaser’s</i> risks	<b>Damage of goods on transfer of ownership</b>
84.1	The <i>Purchaser</i> provides these insurances from the Insurance Table	<b>See notes about <i>Purchaser</i> provided insurance in Annexure B to this Contract Data</b>
84.1	The <i>Supplier</i> provides these additional insurances	<b>See notes in Annexure B</b>



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84.2	The minimum amount of cover for loss of or damage to any plant and materials provided by the <i>Purchaser</i> is:	<b>The price of contract value</b>
84.2	The minimum limit of indemnity for insurance in respect of 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 for any one event is:	<p><b>Whatever the <i>Supplier</i> deems necessary in addition to that provided by the <i>Purchaser</i> for any one event with cross liability so that the insurance applies to the Parties separately.</b></p> <p><b>However if the <i>Supplier</i> is exposed to damage to the <i>Purchaser's</i> property the cover limit amount is not less than</b></p> <ul style="list-style-type: none"> <li>• R15 million (fifteen million Rand) for exposure to Generation Division property;</li> <li>• R7.5 million (seven million five hundred thousand Rand) for exposure to Transmission Division property and; <ul style="list-style-type: none"> <li>• R1 million (one million Rand) for exposure to Distribution Division and all other <i>Purchaser's</i> property</li> </ul> </li> </ul> <p><b>for any one occurrence or series of occurrences arising out of one event but unlimited during the period of insurance.</b></p>
84.2	The minimum limit of indemnity for insurance in respect of 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 for any one event is:	<b>As prescribed by the Compensation for Occupational Injuries and Diseases Act No. 130 of 1993 and the <i>Contractor's</i> common law liability for people falling outside the scope of the Act with a limit of Indemnity of not less than R500 000 (five hundred thousand Rand).</b>
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	<b>R0.0 (zero Rand)</b>
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><b>(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” / “Format B” / “Format Dx” (choose the applicable format, then delete the others and this note), insurance policy available on <a href="http://www.eskom.co.za/live/content.php?ItemID=9248">http://www.eskom.co.za/live/content.php?ItemID=9248</a></b></p> <p><b>and</b></p> <p><b>(2) for all other existing <i>Purchaser's</i> property the highest applicable deductible (first amount payable) namely:</b></p> <ol style="list-style-type: none"> <li>1. R15 million (fifteen million Rand) for Generation Division property;</li> <li>2. R7.5 million (seven million five hundred thousand Rand) for Transmission Division property and;</li> <li>3. R1 million (one million Rand) for Distribution Division and all other <i>Purchaser's</i> property</li> </ol>

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		<b>See notes in Annexure B</b>
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:	<b>Total of the Prices.</b>
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	<b>Total of the Prices.</b>
88.5	The <i>end of liability date</i> is	<b>Three (3) years after Delivery of the whole of the goods and services.</b>

**9 Termination and dispute resolution**

94.1	The <i>Adjudicator</i> is (Name)	<b>The person selected from the Panel of Adjudicators listed in Annexure C to this Contract Data by the Party intending to refer a dispute to him.</b>
94.2(3)	The <i>Adjudicator nominating body</i> is:	<b>the Chairman of ICE-SA, a Division of the South African Institution of Civil Engineering, or its successor body (See <a href="http://www.ice-sa.org.za">www.ice-sa.org.za</a>)</b>
94.4(2)	The <i>tribunal</i> is:	<b>arbitration</b>
94.4(5)	The <i>arbitration procedure</i> is	<b>the latest edition of Rules for the Conduct of Arbitrations published by The Association of Arbitrators (Southern Africa) or its successor body.</b>
94.4(5)	The place where arbitration is to be held is	<b>South Africa</b>
	The person or organisation who will choose an arbitrator	
	- if the Parties cannot agree a choice or	
	- if the arbitration procedure does not state who selects an arbitrator, is	<b>the Chairman for the time being or his nominee of the Association of Arbitrators (Southern Africa) or its successor body.</b>

**10 Data for Option clauses**

<b>X1</b>	<b>Price adjustment for inflation</b>			
X1.1	The <i>base date</i> for indices is			
	The proportions used to calculate the Price Adjustment Factor are:	<b>proportion</b>	<b>linked to index for</b>	<b>Index prepared by</b>
		<b>0.</b>		
		<b>0.</b>		
		<b>0.</b>		
		<b>0.</b>		
		<b>0.</b>		
		<b>10</b>	<b>non-adjustable</b>	
		<b>100</b>		

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X2	Changes in the law		
X2.1	A change in the law of	South Africa is a compensation event if it occurs after the Contract Date	
X7	Delay damages		
X7.1	Delay damages for Delivery are	Delivery of	amount per day
		Supply and delivery of various Bearings on an “as and when” required basis for a period of thirty six months (36) for Duvha Power Station.	The supplier should deliver according to the accepted schedule. 5% of each late delivery per day to a maximum of 20% of the total task order.

**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 and the Electricity Distribution 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 substantially 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

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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 Ethics**

- Z4.1 Any offer, payment, consideration, or benefit of any kind made by the *Supplier*, which constitutes or could be construed either directly or indirectly as an illegal or corrupt practice, as an inducement or reward for the award or in execution of this contract constitutes grounds for terminating the *Supplier's* obligation to Provide the Goods and Services or taking any other action as appropriate against the *Supplier* (including civil or criminal action).
- Z4.2 The *Purchaser* may terminate the *Supplier's* obligation to Provide the Goods and Services if the *Supplier* (or any member of the *Supplier* where the *Supplier* constitutes a joint venture, consortium or other unincorporated grouping of two or more persons or organisations) is found guilty by a competent court, administrative or regulatory body of participating in illegal or corrupt practices.

Such practices include making of offers, payments, considerations, or benefits of any kind or otherwise, whether in connection with any procurement process or contract with the *Purchaser* or other people or organisations and including in circumstances where the *Supplier* or any such member is removed from the an approved vendor data base of the *Purchaser* as a consequence of such practice.

- Z4.3 Notwithstanding the provisions of core clause 90.2, the procedures on termination in terms of this clause are P1, P2 and P3 as stated in the core clause 92 and the amount due is A1 and A3 as stated in core clause 93.

**Z5 Confidentiality**

- Z5.1 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.
- Z5.2 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*.
- Z5.3 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.

- Z5.5 The *Supplier* ensures that all his subcontractors abide by the undertakings in this clause.

**Z6 Waiver and estoppel: Add to core clause 12.3:**

- Z6.1 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.

**Z8 Provision of a Tax Invoice and interest. Add to core clause 51**

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- Z8.1 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.
- Z8.2 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.
- Z8.3 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.

**Z9 Notifying compensation events**

- Z9.1 Delete from the last sentence in core clause 61.3, “unless the *Supply Manager* should have notified the event to the *Supplier* but did not”.

**Z10 *Purchaser's* limitation of liability**

- Z10.1 The *Purchaser's* liability to the *Supplier* for the *Supplier's* indirect or consequential loss is limited to R0.00 (zero Rand)
- Z10.2 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.

**Z11 Termination: Add to core clause 91.1, at the second main bullet point, fourth sub-bullet point, after the words “against it”:**

- Z11.1 or had a judicial management order granted against it.

**Z12 Addition to secondary Option X7 Delay damages (if applicable in this contract)**

- Z12.1 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.

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**Annexure A: Supply Requirements**

**SUPPLY AND DELIVERY OF VARIOUS BEARINGS ON AN “AS AND WHEN” REQUIRED BASIS FOR A PERIOD OF THIRTY SIX MONTHS (36) FOR DUVHA POWER STATION**

CONTRACT NO. \_\_\_\_\_

*[Notes: This template is based on the examples given in the NEC3 Supply Contract Guidance Notes pages 15 to 20 inclusive. Please read the Guidance Notes before finalising the information given below. 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 2000<sup>2</sup> as follows:

Group	Category	Term	Delivery Place
E	departure	EXW	Duvha Power Station
F	main carriage unpaid	FCA, FAS, FOB	
C	main carriage paid	CFR, CIF, CPT, CIP	
D	arrival	DAF, DES, DEQ, DDU 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. Before doing so read SC3 Guidance Notes pages 18 to 20 as well as the cross references to INCOTERMS included in the guidance.]*

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

<sup>2</sup> International Chamber of Commerce, Incoterms 2000, Paris, January 2000.

**SUPPLY AND DELIVERY OF VARIOUS BEARINGS ON AN “AS AND WHEN” REQUIRED BASIS FOR A PERIOD OF THIRTY SIX MONTHS (36) FOR DUVHA POWER STATION**

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

[Use these when INCOTERMS do not apply].

<b>1. The requirements for the supply are</b>	Timing as stipulated on the section 30.1 above	
<b>2. The requirements for transport are</b>	The mode of road transport to be used	
<b>3. The delivery place is</b>	Duvha Power Station	
<b>4. Actions of the Parties during supply</b>	<b>Action</b>	<b>Party which does it</b>
	Giving notice of Delivery	Supplier
	Checking packing and marking before dispatch	Supplier
	Contracting for transport	Supplier
	Pay costs of transport	Supplier
	Arrange access to delivery place	Supplier
	Loading the <i>goods</i>	Supplier
	Unloading the <i>goods</i>	Supplier
<b>For international procurement</b>	Undertake export requirements	N/A
	Undertake import requirements	N/A
<b>5. Information to be provided by the Supplier</b>	<b>Title of document</b>	
	Packing lists for cases and their contents	
	Copy of invoice for the <i>goods</i>	
	Delivery Note	
	Test results and maintenance manuals	
	As prescribed on the following documents	
	Annexure A: Works Information	

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

**SUPPLY AND DELIVERY OF VARIOUS BEARINGS ON AN “AS AND WHEN” REQUIRED BASIS FOR A PERIOD OF THIRTY SIX MONTHS (36) FOR DUVHA POWER STATION**

CONTRACT NO. \_\_\_\_\_

**Annexure B: Insurance provided by the Purchaser**

*These notes are provided as guidance to tendering suppliers and the Supplier about the insurance provided by the Purchaser. These notes are not part of this contract.*

**Transit insurance of goods originating from outside the borders of the Republic of South Africa**

For the purpose of supply contracts, the only insurance provided by Eskom (the *Purchaser*) is transit shipment cover, commonly known as Marine Insurance for air, sea, rail and road freight (including local land arrangements) for conveyance of *goods* originating outside RSA. Please consult the website stated below to ascertain whether Format A, Format B or Format Dx is applicable to this contract and then the

- Marine Insurance Policy wording;
- Eskom Shipment Policies and Procedures – note a pre-shipment survey form has to be completed under certain circumstances;
- Marine Claims Handling Procedures – for important shipment actions and claims forms in event of damages to cargo freight via sea, barge, air, road or rail.

For EXW (Ex Works collections) this is of no concern to the *Supplier* but for any other Supply Requirement (such as CIF, DDU, or DDP) the *Supplier* need not provide such insurance even if the INCOTERM requires it and tendering suppliers should 'discount' their prices when tendering to allow for this provision by the *Purchaser* (Eskom).

**Supplier's liability for damage to the Purchaser's property**

Whilst this is a liability the *Supplier* carries and should cover (if he is required to deliver the *goods* to the *Purchaser's* premises) his liability is limited to the amount of cover provided to the *Purchaser* within his assets policy. This amount varies depending on the Division within Eskom to which the *Supplier* is making the delivery. For any one occurrence or series of occurrences arising out of one event but unlimited during the period of insurance the *Supplier's* liability would be:

- R15million for Generation Division projects,
- R7.5million for Transmission Division projects or
- R1.0million for Distribution Division projects

**All other insurance**

As required by clause 84, the *Supplier* provides all other insurance for his risks. The *Supplier* should give further consideration to providing for these additional insurance concepts [for amounts and periods of insurance the *Supplier* deems fit and necessary].

**Professional Indemnity:** The insurance provided shall indemnify the *Supplier* (and/or his professional consultant) for those sums which the *Supplier* or his consultant shall become legally liable to pay as damages arising from any claim first made against the *Supplier* / consultant and reported to their insurers during the Period of Insurance, directly arising out of any negligent act, error or omission committed or alleged to have been committed by the *Supplier* / consultant in the conduct of **professional services** (for example, design) in connection with this contract.

**Products Liability:** A special General Liability extension for liability arising out of the *Supplier's* **defective**:

- production and manufacturing process (workmanship or material), or
- product design, or
- warnings, instructions, usage and maintenance manuals and specifications.

For any further explanation of insurance requirements tendering suppliers are advised to consult their brokers or insurers who may in turn contact Eskom Insurance Management Services per contact details provided on the following website:

[http://www.eskom.co.za/live/content.php?Item\\_ID=9248](http://www.eskom.co.za/live/content.php?Item_ID=9248)



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**Annexure C: The *Purchaser's* Panel of Adjudicators**

The following persons listed in alphabetical order of their surname have indicated their willingness to be included in the *Purchaser's* Panel of Adjudicators. Their CV's may be obtained by using the contact details provided.

Name	Location	Contact details (phone & e mail)
Nigel ANDREWS	Gauteng	+27 11 836-6760 nigela@quoin.net
Andrew BAIRD	Gauteng	+27 11 803 3008 <a href="mailto:andrewbaird@ecsconsult.co.za">andrewbaird@ecsconsult.co.za</a>
Christopher BINNINGTON	Gauteng	+27 11 888-6141 <a href="mailto:cdb@bca.co.za">cdb@bca.co.za</a>
Peter HIGGINS	UK	+44 1293 873 868 peterhiggins@pdconsult.co.uk
Adv. Bruce LEECH	Gauteng	+27 11 290 4000 leech@counsel.co.za
Nigel NILEN	Gauteng	+27 11 465 3601; nilences@global.co.za
Peter THURLOW	Gauteng	+27 11 787 6226 <a href="mailto:info@thurlowassoc.com">info@thurlowassoc.com</a>

Information about the Panel and appointment of the selected *Adjudicator* is available from Eskom Supply Chain Operations management, by contacting Leighton Itholeng (Tel.: +27 (0)11 800 4031) (Fax :+27 (0)86 668 0419) E-mail : [Leighton.Itholeng@eskom.co.za](mailto:Leighton.Itholeng@eskom.co.za)

**SUPPLY AND DELIVERY OF VARIOUS BEARINGS ON AN “AS AND WHEN” REQUIRED BASIS FOR A PERIOD OF THIRTY SIX MONTHS (36) FOR DUVHA POWER STATION**

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## C1.2 Contract Data

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

**Notes to a tendering supplier:**

1. Please read both the NEC3 Supply Contract (December 2009) and the relevant parts of its Guidance Notes (SC3-GN)<sup>3</sup> in order to understand the implications of this Data which the tenderer is required to complete.
2. The number of the clause which requires the data is shown in the left hand column for each statement however other clauses may also use the same data
3. Where a form field like this [ ] appears, data is required to be inserted relevant to the option selected. Click on the form field **once** and type in the data. Otherwise complete by hand and in ink.

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

Clause	Statement	Data				
10.1	The <i>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:	C2.2 Price Schedule				
11.2(14)	The following matters will be included in the Risk Register	1. Delays due to failed quality tests.				
25.2	The restrictions to access for the <i>Supply Manager</i> and Others to work being done for this contract are	N/A				
30.1	The <i>delivery date</i> of the <i>goods</i> and <i>services</i> is:	<table><tr><th><i>goods and services</i></th><th><i>delivery date</i></th></tr><tr><td>1 Supply and delivery of various Bearings on an “as and when” required basis for a period of thirty six months (36) for Duvha Power Station.</td><td>As and when required</td></tr></table>	<i>goods and services</i>	<i>delivery date</i>	1 Supply and delivery of various Bearings on an “as and when” required basis for a period of thirty six months (36) for Duvha Power Station.	As and when required
<i>goods and services</i>	<i>delivery date</i>					
1 Supply and delivery of various Bearings on an “as and when” required basis for a period of thirty six months (36) for Duvha Power Station.	As and when required					
31.1	The programme identified in the Contract Data is contained in:					

<sup>3</sup> Available from Engineering Contract Strategies Tel 011 803 3008 Fax 011 803 3009 [www.ecs.co.za](http://www.ecs.co.za)

## CONTRACT NO.

## NEC3 Supply Contract

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

## C2.1 Pricing assumptions

### The conditions of contract

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

Clause 11 in NEC3 Supply Contract, December 2009 (SC3) core clauses states:

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

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

#### Function of the Price Schedule

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

#### Preparing the *price schedule*

It will be assumed that the tendering supplier has read Pages 11 and 12 and Appendix 5 of the SC3 Guidance Notes before 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.

1 As the *Supplier* has an obligation to correct Defects (core clause 43.1) and there is no compensation event for this unless the Defect was due to a *Supplier's* risk, the lump sum Prices and rates must also include for the correction of Defects.

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2 If the *Supplier* has decided not to identify a particular item in the *price schedule* at the time of tender the cost to the *Supplier* of doing the work is assumed to be included in, or spread across, the other Prices and rates in the *price schedule* in order to fulfil the obligation to Provide the Goods and Services for the tendered total of the Prices.

3 There is no adjustment to lump sum prices in the *price schedule* if the amount, or quantity, of work within that lump sum item of *goods* or *services* 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. See Clause 60.1.

4 Hence the Prices and rates tendered by the *Supplier* in the *price schedule* are inclusive of everything necessary and incidental to Providing the Goods and Services in accordance with the Goods Information, as it was at the time of tender, as well as correct any Defects not caused by a *Purchaser's* risk.

5 The *Supplier* does not have to allow in his Prices and rates for matters that may arise as a result of a compensation event. It should be noted that the list of compensation events includes those arising as a result of a *Purchaser's* risk event listed in core clause 80.1.

**Format of the *price schedule***

(From Appendix 5 on page 78 of the SC3 Guidance Notes)

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*

No.	Material	Description	Quantity	Unit of measure
10	0000069	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: OPEN; INSIDE DIAMETER: 80 MM; OUTSIDE DIAMETER: 170 MM; WIDTH: 39 MM; ROW: SINGLE; SUPPL P/N: 6316; DUTY: MEDIUM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	23	EA
20	0000074	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: SHIELD; INSIDE DIAMETER: 15 MM; OUTSIDE DIAMETER: 35 MM; WIDTH: 11 MM; ROW: SINGLE; SUPPL P/N: 6202-Z; NOTE: ITEM MUST BE ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	6	EA
30	0000083	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: DOUBLE SHIELD; INSIDE DIAMETER: 15 MM; OUTSIDE DIAMETER: 35 MM; WIDTH: 11 MM; ROW: SINGLE; SUPPL P/N: 6202-2Z; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	80	EA
40	0000084	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: OPEN; INSIDE DIAMETER: 70 MM; OUTSIDE DIAMETER: 150 MM; WIDTH: 35 MM; ROW: SINGLE; SUPPL P/N: 6314; ITEM MUST BE ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	7	EA
50	0000087	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: OPEN; INSIDE DIAMETER: 40 MM; OUTSIDE DIAMETER: 90 MM; WIDTH: 23 MM; ROW: SINGLE; SUPPL P/N: 6308C3; MEDIUM DUTY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	13	EA
60	0029815	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: DOUBLE SEAL; INSIDE DIAMETER: 15 MM; OUTSIDE DIAMETER: 35 MM; WIDTH: 11 MM; ROW: SINGLE; SUPPL P/N: 6202-2RS; VENDORS ARE RESPONSIBLE FOR	1	EA

		ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).		
70	0029816	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: DOUBLE SEAL; INSIDE DIAMETER: 17 MM; OUTSIDE DIAMETER: 40 MM; WIDTH: 12 MM; ROW: SINGLE; SUPPL P/N: 6203-2RS; NOTE: ITEM MUST BE ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	11	EA
80	0029826	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: DOUBLE SEAL; INSIDE DIAMETER: 20 MM; OUTSIDE DIAMETER: 42 MM; WIDTH: 12 MM; ROW: SINGLE; SUPPL P/N: 6004-2RS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	2	EA
90	0029837	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: OPEN; INSIDE DIAMETER: 15 MM; OUTSIDE DIAMETER: 42 MM; WIDTH: 13 MM; ROW: SINGLE; SUPPL P/N: 6302; NOTE: ITEM MUST BE ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	15	EA
100	0029927	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).	75	EA
110	0029929	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: DOUBLE SEAL; INSIDE DIAMETER: 20 MM; OUTSIDE DIAMETER: 47 MM; WIDTH: 14 MM; ROW: SINGLE; SUPPL P/N: 6204-2RS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	2	EA
120	0030048	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: DOUBLE SHIELD; INSIDE DIAMETER: 20 MM; OUTSIDE DIAMETER: 42 MM; WIDTH: 12 MM; ROW: SINGLE; SUPPL P/N: 6004-2Z; DUTY: EXTRA LIGHT; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	85	EA
130	0030138	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: DOUBLE SEAL; INSIDE DIAMETER: 50 MM; OUTSIDE DIAMETER: 110 MM; WIDTH: 27	7	EA

		MM; ROW: SINGLE; SUPPL P/N: 6310-2RS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)		
140	0030161	SLEEVE, ADAPTOR: TYPE: BEARING; SHAFT SIZE: 75 MM; LENGTH: 63 MM; MATERIAL: STL; SUPPL P/N: H317; SUPPLIER NOTE - THE ITEM MUST BE ORIGINAL PROTECTIVE PACKED AND MARKED; SIZE 110MM OD; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	25	EA
150	0030165	BEARING, ROLLER: TYPE: CYLINDRICAL; INSIDE DIAMETER: 30 MM; OUTSIDE DIAMETER: 72 MM; WIDTH: 19 MM; ROW: SINGLE; SUPPL P/N: NU306 - C3	98	EA
	0030204	SLEEVE, ADAPTOR: TYPE: BEARING; SHAFT SIZE: 150 MM; LENGTH: 122 MM; MATERIAL: STL; SUPPL P/N: H3134; SUPPLIER NOTE - THE ITEM MUST BE ORIGINAL PACKED AND MARKED; SIZE 220MM OD; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	48	EA
170	0030213	BEARING, ROLLER: TYPE: CYLINDRICAL; INSIDE DIAMETER: 90 MM; OUTSIDE DIAMETER: 160 MM; WIDTH: 30 MM; ROW: SINGLE; SUPPL P/N: NU218	32	EA
180	0030241	BEARING, BALL: TYPE: SPHERICAL; STYLE: OPEN; INSIDE DIAMETER: 85 MM; OUTSIDE DIAMETER: 150 MM; WIDTH: 36 MM; ROW: DOUBLE; SUPPL P/N: 2217K; NOTE! ITEM MUST BE ORIGINAL PACKED, TAPERED BORE.; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	28	EA
190	0030259	BEARING, ROLLER: TYPE: SELF ALIGNING; INSIDE DIAMETER: 110 MM; OUTSIDE DIAMETER: 200 MM; WIDTH: 53 MM; ROW: DOUBLE; SUPPL P/N: 22222CK-STD	84	EA
200	0030264	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: DOUBLE SEAL; INSIDE DIAMETER: 20 MM; OUTSIDE DIAMETER: 52 MM; WIDTH: 15 MM; ROW: SINGLE; SUPPL P/N: 6304-2RS; DUTY: MEDIUM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	6	EA
210	0030266	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: OPEN; INSIDE DIAMETER: 35 MM; OUTSIDE DIAMETER: 80 MM; WIDTH: 21 MM;	2	EA



		ROW: SINGLE; SUPPL P/N: 6307C3; NOTE: THE REFERENCE NUMBER MUST BE CAST AND NOT ENGRAVED ON THE BEARING; ITEM MUST BE ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).		
220	0030268	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: OPEN; INSIDE DIAMETER: 55 MM; OUTSIDE DIAMETER: 120 MM; WIDTH: 29 MM; ROW: SINGLE; SUPPL P/N: 6311; ITEM MUST BE ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	4	EA
230	0030281	BEARING, BALL: TYPE: ANGULAR CONTACT; STYLE: OPEN; INSIDE DIAMETER: 35 MM; OUTSIDE DIAMETER: 80 MM; WIDTH: 21 MM; ROW: SINGLE; SUPPL P/N: 7307B; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	10	EA
240	0030304	SLEEVE, ADAPTOR: TYPE: BEARING; SHAFT SIZE: 65 MM; LENGTH: 55 MM; MATERIAL: STL; SUPPL P/N: H315; 98MM OD; SUPPLIER NOTE - THE ITEM MUST BE ORIGINAL PROTECTIVE PACKED AND MARKED* CAMDEN SKF BRAND ONLY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	35	EA
250	0030307	SLEEVE, ADAPTOR: TYPE: BEARING; SHAFT SIZE: 115 MM; LENGTH: 92 MM; MATERIAL: STL; SUPPL P/N: H3126; SUPPLIER NOTE - THE ITEM MUST BE ORIGINAL PROTECTIVE PACKED AND MARKED; SIZE 165MM OD; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	153	EA
260	0030050	SLEEVE, ADAPTOR: TYPE: BEARING; SHAFT SIZE: 90 MM; LENGTH: 71 MM; MATERIAL: STL; SUPPL P/N: H320; SUPPLIER NOTE - THE ITEM MUST BE ORIGINAL PROTECTIVE PACKED AND MARKED; SIZE 130MM OD; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	134	EA
270	0030061	BEARING, ROLLER: TYPE: SELF ALIGNING; INSIDE DIAMETER: 100 MM; OUTSIDE DIAMETER: 180 MM; WIDTH: 46 MM; ROW: DOUBLE; SUPPL P/N: 22220CK-STD	123	EA
280	0030090	BEARING, ROLLER: TYPE: SELF ALIGNING; INSIDE DIAMETER: 160 MM; OUTSIDE DIAMETER: 290 MM; WIDTH: 80 MM; ROW:	4	EA

		DOUBLE; SUPPL P/N: 22232CCKC3; REFERENCE NUMBER MUST BE CAST AND NOT ENGRAVED ON AND ORIGINAL PACKED		
290	0030093	BEARING, ROLLER: TYPE: SELF ALIGNING; INSIDE DIAMETER: 170 MM; OUTSIDE DIAMETER: 280 MM; WIDTH: 88 MM; ROW: DOUBLE; SUPPL P/N: 23134CCK-C3; NOTE - THE REFERENCE NUMBER MUST BE CAST AND NOT ENGRAVED ON AND ORIGINAL PACKED	6	EA
300	0030339	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: OPEN; INSIDE DIAMETER: 45 MM; OUTSIDE DIAMETER: 120 MM; WIDTH: 29 MM; ROW: SINGLE; SUPPL P/N: 6409C3; NOTE:THE REFERENCE NUMBER MUST BE CAST AND NOT ENGRAVED ON BEARING AND ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	68	EA
310	0030372	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: DOUBLE SHIELD; INSIDE DIAMETER: 8 MM; OUTSIDE DIAMETER: 22 MM; WIDTH: 7 MM; ROW: SINGLE; SUPPL P/N: 608-2Z; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	7	EA
320	0030378	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: DOUBLE SEAL; INSIDE DIAMETER: 17 MM; OUTSIDE DIAMETER: 47 MM; WIDTH: 14 MM; ROW: SINGLE; SUPPL P/N: 6303-2RS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	1	EA
330	0030383	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: DOUBLE SHIELD; INSIDE DIAMETER: 25 MM; OUTSIDE DIAMETER: 52 MM; WIDTH: 15 MM; ROW: SINGLE; SUPPL P/N: 6205-2Z; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	40	EA
340	0030394	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: OPEN; INSIDE DIAMETER: 45 MM; OUTSIDE DIAMETER: 75 MM; WIDTH: 16 MM; ROW: SINGLE; SUPPL P/N: 6009; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	2	EA
350	0030399	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: OPEN; INSIDE DIAMETER: 60 MM; OUTSIDE DIAMETER: 95 MM; WIDTH: 18 MM; ROW: SINGLE; SUPPL P/N: 6012; NOTE: ITEM MUST BE ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY	5	EA

		ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).		
360	0032518	BEARING, BALL: TYPE: SELF ALIGNING; STYLE: OPEN; INSIDE DIAMETER: 60 MM; OUTSIDE DIAMETER: 130 MM; WIDTH: 46 MM; ROW: DOUBLE; SUPPL P/N: 2312KC3; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	274	EA
370	0031883	BEARING, BALL: TYPE: SELF ALIGNING; STYLE: OPEN; INSIDE DIAMETER: 65 MM; OUTSIDE DIAMETER: 140 MM; WIDTH: 48 MM; ROW: DOUBLE; SUPPL P/N: 2313KC3; OL 06 09 OC OC N N; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	96	EA
380	0033384	BEARING, SLEEVE: TYPE: THRUST JOURNAL UPPER; INSIDE DIAMETER: 235 MM; OUTSIDE DIAMETER: 880 MM; LENGTH: 463 MM; MATERIAL: STL WHITE METAL LINED; MANUF P/N: 7709705012ZZ; DRAWING NO: 7709-7050 REV 1; GLACIER BP 1734 REV 1; ITEM 12; COMPLETE FOR APE CW PUMP UNITS 1-3, CONCRETE VOLUTE PUMP, QUANTITY PER PUMP: 1, ITEMS TO BE STAMPED WITH PUMP; ITEM TO BE PACKED IN WOODEN BOX.	19	EA
390	0033385	BEARING, SLEEVE: TYPE: LOWER JOURNAL; INSIDE DIAMETER: 210 MM; OUTSIDE DIAMETER: 880 MM; LENGTH: 547 MM; MATERIAL: CI; MANUF P/N: 7709705020ZZ; DRAWING NO: GLACIER BP 1735 REV 1; APE 7709-7050 REV 1; ITEM 20; COMPLETE FOR APE CW PUMP UNITS 1-3; PUMP TYPE: APE 1600MM CONCRETE VOLUTE PUMP; QUANTITY PER PUMP: 1; ITEM TO BE PACKED IN WOODEN BOX AND HAVE PUMP TYPE APE STAMPED ON IT	14	EA
400	0033386	BEARING, SLEEVE: TYPE: JOURNAL LOWER; INSIDE DIAMETER: 235 MM; OUTSIDE DIAMETER: 370 MM; LENGTH: 418 MM; MATERIAL: SGI 27.12; MANUF P/N: 7709705065ZZ; DRAWING NO: 7709-7050 REV 1; ITEM 65; BOTTOM; FOR APE CW PUMP UNITS 1-3; PUMP TYPE: APE 1600MM CONCRETE VOLUTE PUMP; QUANTITY PER PUMP: 1, ITEM TO BE PACKED IN WOODEN BOX AND STAMPED WITH PUMP	9	EA
410	0038636	SEAL, RING: TYPE: V DUST RING; INSIDE DIAMETER: 310 MM; OUTSIDE DIAMETER: 345 MM; THICKNESS: 25 MM; MATERIAL: NITRILE; DRAWING NO: 7709-7050 REV 1; REFERENCE NO: 7709-7050; FOR CW PUMP UNITS 1 TO 3, PUMP TYPE APE 1600MM CONCRETE VOLUTE PUMP, 2 PER PUMP	2	EA

420	0045794	PAD: TYPE: PUMP MOTOR SEATING; DIMENSIONS: ID 1.804 M X OD 2.4 M X THK 55 MM; MATERIAL: MS; MANUF P/N: PM2050319EH; DRAWING NO: 7709-7050 REV 1; ITEM 4; FOR APE CW PUMP UNITS 1-3; PUMP TYPE APE 1600MM CONCRETE VOLUTE PUMP; QUANTITY PER UNIT 3	1	EA
430	0049749	PLATE: TYPE: END COVER; MATERIAL: STL; APPLICATION: BEARING HOUSING; DRAWING NO: TC0029AO/1 REV 1; REFERENCE NO: T5349306EH; APE 14/16 BDM; FOR SCW PUMP; STORAGE AND HANDLING; ON SHELF	1	EA
440	0049755	IMPELLER, PUMP: MATERIAL: BRZ; DRAWING NO: TC0029AO/13 REV 1; P/163405/1 REV 1; FOR SCW PUMP, API 14/16BDM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	4	EA
450	0035007	COVER: TYPE: BEARING HOUSING; DIMENSIONS: DIA 200 X LG 33 MM; MATERIAL: CI; APPLICATION: APE 14/16 BDM SCW PUMP; DRAWING NO: TC0029AO ITEM 5 REV 1; P163452 ITEM 2 REV 1	1	EA
460	0045800	SLEEVE, SHAFT: TYPE: BOTTOM PUMP; INSIDE DIAMETER: 258 MM; OUTSIDE DIAMETER: 275 MM; LENGTH: 403 MM; MATERIAL: ALUMINIUM; MANUF P/N: 1740; 7709705060ZZ; DRAWING NO: 7709-7050 REV 1; ITEM 60; LOWER, FOR CW TYPE APE 1600MM CONCRETE VOLUTE; GLACIER ITEM TO BE STAMPED WITH TYPE APE, TO BE PACKED IN WOODEN BOX	12	EA
470	0048972	BEARING, SLEEVE: TYPE: LOWER JOURNAL; INSIDE DIAMETER: 370 MM; OUTSIDE DIAMETER: 450 MM; LENGTH: 210 MM; MATERIAL: EN8; DRAWING NO: 7709 7050 REV 1; 7709 7050 ITEM 66 REV 1; FOR APE CW PUMP, UNITS 1 TO 3, ITEM TO HAVE PUMP TYPE -APE- STAMPED ON EACH ITEM, ITEM TO BE PACKED IN WOODEN BOX AND TO HAVE PROTECTIVE COATING	14	EA
480	0048977	COUPLING, SHAFT HALF: TYPE: FLEXIBLE; BORE: 200 MM; OUTSIDE DIAMETER: 410 MM; LENGTH: 245 MM; MATERIAL: STL; MANUF P/N: 7709705009ZZ; DRAWING NO: 7709-7050 REV 1; TURBOFLEX 20019 REV 1; ITEM 9, HUB; FOR APE CW PUMP UNITS 1-3; TYPE: APE 1600MM CONCRETE VOLUTE PUMP; QUANTITY PER PUMP: 1; MEMBRANE AND BOLTS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	1	EA
490	0048980	RING, WEAR: INSIDE DIAMETER: 1.251 M; OUTSIDE DIAMETER: 1.325 M; THICKNESS: 153 MM; MATERIAL: CI AUSTENITIC; APPLICATION: CW PUMP; DRAWING NO: 709- 7050 REV 1; REFERENCE NO: P2000412RM; ITEM 43; CASE FOR APE CW PUMP UNITS 1	1	EA

		TO 3; PUMP TYPE APE 1600MM CONCRETE VOLUTE PUMP; QUANTITY PER PUMP 1		
500	0089380	NUT, ADAPTOR: DIAMETER: ID 212 X OD 300 X LG 75 MM; SLOTS: 6; LOCKING METHOD: SELF LOCKING; THREAD: 4 MM; MATERIAL: MS; GRADE: EN8; TYPE: JOURNAL LOCKING BEARING; MANUF P/N: M696887EH; DRAWING NO: 709-7050 REV 1; ITEM 18; JOURNAL BEARING FOR APE CW PUMP UNITS 1-3; PUMP TYPE: APE 1600MM CONCRETE VOLUTE PUMP QUANTITY PER PUMP: 1; M230	1	EA
510	0101273	SEAL: TYPE: INFLATABLE; DIMENSIONS: ID 320 X OD 371 X WD 75 MM; MATERIAL: RUBBER; APPLICATION: CW PUMP; MANUF P/N: 7709705049ZZ; DRAWING NO: APE 7709-7050 REV 1; UNITS 1-3, APE 1600MM CONCRETE VOLUTE PUMP, QUANTITY PER PUMP: 1; CRANE PACKING BZ 41319 A; ITEM 49	4	EA
520	0101274	O RING: INSIDE DIAMETER: 439 MM; WIDTH: 5.7 MM; MATERIAL: RUBBER SYNTHETIC; INDUSTRY STANDARD: 2-386; COLOR: BLACK; APPLICATION: VOLUTE PUMP; MANUF P/N: 7709705052ZZ; DRAWING NO: 7709-7050 REV 1; FOR APE CW PUMP UNITS 1-3 TYPE 1.6M CONCRETE VOLUTE PUMP; QUANTITY PER PUMP: 2; ITEM 52 AND 53; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	1	EA
530	0101276	O RING: INSIDE DIAMETER: 379 MM; WIDTH: 5.7 MM; MATERIAL: RUBBER SYNTHETIC; INDUSTRY STANDARD: 2-384; COLOR: BLACK; APPLICATION: CW PUMP; MANUF P/N: 7709705054ZZ; DRAWING NO: 7709-7050 REV 1; FOR CW UNITS 1-3; TYPE: 1600MM; CONCRETE VOLUTE; QUANTITY PUMP PUMP. 1; ITEM 54; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	2	EA
540	0101277	O RING: INSIDE DIAMETER: 219 MM; WIDTH: 8.4 MM; MATERIAL: RUBBER SYNTHETIC; DRAWING NO: APE 7709-7050 REV 1; FOR APE CW PUMP UNITS 1-3; PUMP TYPE APE 1600MM CONCRETE VOLUTE PUMP; QUANTITY PER PUMP: 1; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	12	EA
550	0030161	BEARING, ROLLER: TYPE: CYLINDRICAL; INSIDE DIAMETER: 90 MM; OUTSIDE DIAMETER: 160 MM; WIDTH: 30 MM; ROW: SINGLE; SUPPL P/N: NU218	25	EA
560	0186163	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: DOUBLE SHIELD; INSIDE DIAMETER: 90 MM; OUTSIDE DIAMETER: 160 MM; WIDTH:	55	EA

		30 MM; ROW: SINGLE; SUPPL P/N: 6218-2Z; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).		
570	0031121	BEARING, BALL: TYPE: ANGULAR CONTACT; STYLE: OPEN; INSIDE DIAMETER: 80 MM; OUTSIDE DIAMETER: 170 MM; WIDTH: 39 MM; ROW: SINGLE; SUPPL P/N: 7316B; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	42	EA
580	0000069	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: OPEN; INSIDE DIAMETER: 80 MM; OUTSIDE DIAMETER: 170 MM; WIDTH: 39 MM; ROW: SINGLE; SUPPL P/N: 6316; DUTY: MEDIUM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	23	EA
600	0030561	BEARING, BALL: TYPE: ANGULAR CONTACT; STYLE: OPEN; INSIDE DIAMETER: 70 MM; OUTSIDE DIAMETER: 150 MM; WIDTH: 63.5 MM; ROW: DOUBLE; SUPPL P/N: 3314A; NOTE: ITEM MUST BE ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	6	EA
610	0000084	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: OPEN; INSIDE DIAMETER: 70 MM; OUTSIDE DIAMETER: 150 MM; WIDTH: 35 MM; ROW: SINGLE; SUPPL P/N: 6314; ITEM MUST BE ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	7	EA
620	0030451	BEARING, ROLLER: TYPE: SELF ALIGNING; INSIDE DIAMETER: 75 MM; OUTSIDE DIAMETER: 130 MM; WIDTH: 31 MM; ROW: DOUBLE; SUPPL P/N: 22215CK; SKF BRAND ONLY, NO OTHER BRANDS ACCEPTABLE	103	EA
630	0219366	BEARING, PILLOW BLOCK: INSIDE DIAMETER: 4-1/2 IN; BOLT MOUNTING: 4; BOLT DIAMETER: M20; BLOCK SIZE: WD 220 X LG 419.1 X HT 238.1 MM; SHAFT HEIGHT: 120.65 MM; ROLLING ELEMENT: SPHERICAL; HOUSING MATERIAL: CI; SUPPL P/N: AMEP5408YF	248	EA
640	0030453	BEARING, ROLLER: TYPE: SELF ALIGNING; INSIDE DIAMETER: 130 MM; OUTSIDE DIAMETER: 230 MM; WIDTH: 64 MM; ROW: DOUBLE; SUPPL P/N: 22226CK-STD; NOTE - ITEM MUST BE ORIGINAL PACKED	163	EA
650	0030525	BEARING, ROLLER: TYPE: CYLINDRICAL; INSIDE DIAMETER: 80 MM; OUTSIDE DIAMETER: 170 MM; WIDTH: 39 MM; ROW: SINGLE; SUPPL P/N: NU316	1	EA

660	0031148	BEARING, ROLLER: TYPE: SELF ALIGNING; INSIDE DIAMETER: 55 MM; OUTSIDE DIAMETER: 100 MM; WIDTH: 25 MM; ROW: DOUBLE; SUPPL P/N: 22211CCKC3C3	121	EA
670	0030636	BEARING, ROLLER: TYPE: SELF ALIGNING; INSIDE DIAMETER: 65 MM; OUTSIDE DIAMETER: 120 MM; WIDTH: 31 MM; ROW: DOUBLE; SUPPL P/N: 22213CK-C3	10	EA
680	0000074	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: SHIELD; INSIDE DIAMETER: 15 MM; OUTSIDE DIAMETER: 35 MM; WIDTH: 11 MM; ROW: SINGLE; SUPPL P/N: 6202-Z; NOTE: ITEM MUST BE ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	6	EA
690	0000083	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: DOUBLE SHIELD; INSIDE DIAMETER: 15 MM; OUTSIDE DIAMETER: 35 MM; WIDTH: 11 MM; ROW: SINGLE; SUPPL P/N: 6202-2Z; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	80	EA
700	0000087	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: OPEN; INSIDE DIAMETER: 40 MM; OUTSIDE DIAMETER: 90 MM; WIDTH: 23 MM; ROW: SINGLE; SUPPL P/N: 6308C3; MEDIUM DUTY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	13	EA
710	0029815	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: DOUBLE SEAL; INSIDE DIAMETER: 15 MM; OUTSIDE DIAMETER: 35 MM; WIDTH: 11 MM; ROW: SINGLE; SUPPL P/N: 6202-2RS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	1	EA
720	0029816	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: DOUBLE SEAL; INSIDE DIAMETER: 17 MM; OUTSIDE DIAMETER: 40 MM; WIDTH: 12 MM; ROW: SINGLE; SUPPL P/N: 6203-2RS; NOTE: ITEM MUST BE ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	11	EA
730	0029826	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: OPEN; INSIDE DIAMETER: 15 MM; OUTSIDE DIAMETER: 42 MM; WIDTH: 13 MM; ROW: SINGLE; SUPPL P/N: 6302; NOTE: ITEM MUST BE ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	2	EA

740	0029837	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).	15	EA
750	0029863	BEARING, ROLLER: TYPE: CYLINDRICAL; INSIDE DIAMETER: 75 MM; OUTSIDE DIAMETER: 160 MM; WIDTH: 37 MM; ROW: SINGLE; SUPPL P/N: NU315	2	EA
760	0029918	BEARING, BALL: TYPE: ANGULAR CONTACT; STYLE: OPEN; INSIDE DIAMETER: 85 MM; OUTSIDE DIAMETER: 180 MM; WIDTH: 41 MM; ROW: SINGLE; SUPPL P/N: 7317BM; DUTY: MEDIUM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	2	EA
770	0029927	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: DOUBLE SEAL; INSIDE DIAMETER: 20 MM; OUTSIDE DIAMETER: 47 MM; WIDTH: 14 MM; ROW: SINGLE; SUPPL P/N: 6204-2RS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	75	EA
780	0029929	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: DOUBLE SHIELD; INSIDE DIAMETER: 20 MM; OUTSIDE DIAMETER: 42 MM; WIDTH: 12 MM; ROW: SINGLE; SUPPL P/N: 6004-2Z; DUTY: EXTRA LIGHT; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	2	EA
790	0030048	SLEEVE, ADAPTOR: TYPE: BEARING; SHAFT SIZE: 75 MM; LENGTH: 63 MM; MATERIAL: STL; SUPPL P/N: H317; SUPPLIER NOTE - THE ITEM MUST BE ORIGINAL PROTECTIVE PACKED AND MARKED; SIZE 110MM OD; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	85	EA
800	0030138	SLEEVE, ADAPTOR: TYPE: BEARING; SHAFT SIZE: 150 MM; LENGTH: 122 MM; MATERIAL: STL; SUPPL P/N: H3134; SUPPLIER NOTE - THE ITEM MUST BE ORIGINAL PACKED AND MARKED; SIZE 220MM OD; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	9	EA
810	0030157	BEARING, BALL: TYPE: ANGULAR CONTACT; STYLE: OPEN; INSIDE DIAMETER: 65 MM; OUTSIDE DIAMETER: 140 MM; WIDTH: 33 MM; ROW: SINGLE; SUPPL P/N: 7313B; VENDORS ARE RESPONSIBLE FOR ENSURING THAT	2	EA



		THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).		
820	0030394	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: OPEN; INSIDE DIAMETER: 45 MM; OUTSIDE DIAMETER: 75 MM; WIDTH: 16 MM; ROW: SINGLE; SUPPL P/N: 6009; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	2	EA
830	0030165	BEARING, BALL: TYPE: SPHERICAL; STYLE: OPEN; INSIDE DIAMETER: 85 MM; OUTSIDE DIAMETER: 150 MM; WIDTH: 36 MM; ROW: DOUBLE; SUPPL P/N: 2217K; NOTE! ITEM MUST BE ORIGINAL PACKED,TAPERED BORE.; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	98	EA
840	0030204	BEARING, ROLLER: TYPE: SELF ALIGNING; INSIDE DIAMETER: 130 MM; OUTSIDE DIAMETER: 230 MM; WIDTH: 64 MM; ROW: DOUBLE; BORE SHAPE: TAPER; SUPPL P/N: 22226CCK W33C3; NOTE - THE REFERENCE NUMBER MUST BE CAST AND NOT ENGRAVED ON AND MUST BE ORIGINAL PROTECTIVE PACKED	48	EA
850	0030213	SLEEVE, ADAPTOR: TYPE: BEARING; SHAFT SIZE: 100 MM; LENGTH: 77 MM; MATERIAL: STL; SUPPL P/N: HE322; SIZE 145MM OD; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	32	EA
860	0030241	BEARING, ROLLER: TYPE: CYLINDRICAL; INSIDE DIAMETER: 2-1/2 IN; OUTSIDE DIAMETER: 5-1/2 IN; WIDTH: 1-1/4 IN; ROW: SINGLE; SUPPL P/N: CRM20; DRAWING NO: TC0029A0 REV 1; MODEL NO: APE 14/16 BMD; DRIVE END FOR SCW PUMP, SIZE MRJ2-1/2 INCH	28	EA
870	0030259	BEARING, ROLLER: TYPE: SELF ALIGNING; INSIDE DIAMETER: 110 MM; OUTSIDE DIAMETER: 200 MM; WIDTH: 53 MM; ROW: DOUBLE; SUPPL P/N: 22222CK-STD	84	EA
880	0030264	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: DOUBLE SEAL; INSIDE DIAMETER: 20 MM; OUTSIDE DIAMETER: 52 MM; WIDTH: 15 MM; ROW: SINGLE; SUPPL P/N: 6304-2RS; DUTY: MEDIUM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	6	EA
890	0030266	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: OPEN; INSIDE DIAMETER: 35 MM; OUTSIDE DIAMETER: 80 MM; WIDTH: 21 MM; ROW: SINGLE; SUPPL P/N: 6307C3; NOTE:THE REFERENCE NUMBER MUST BE CAST AND	2	EA

		NOT ENGRAVED ON THE BEARING; ITEM MUST BE ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).		
900	0030268	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: OPEN; INSIDE DIAMETER: 55 MM; OUTSIDE DIAMETER: 120 MM; WIDTH: 29 MM; ROW: SINGLE; SUPPL P/N: 6311; ITEM MUST BE ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	2	EA
910	0030281	BEARING, BALL: TYPE: ANGULAR CONTACT; STYLE: OPEN; INSIDE DIAMETER: 35 MM; OUTSIDE DIAMETER: 80 MM; WIDTH: 21 MM; ROW: SINGLE; SUPPL P/N: 7307B; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	10	EA
920	0030304	SLEEVE, ADAPTOR: TYPE: BEARING; SHAFT SIZE: 65 MM; LENGTH: 55 MM; MATERIAL: STL; SUPPL P/N: H315; 98MM OD; SUPPLIER NOTE - THE ITEM MUST BE ORIGINAL PROTECTIVE PACKED AND MARKED* CAMDEN SKF BRAND ONLY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	35	EA
930	0030307	SLEEVE, ADAPTOR: TYPE: BEARING; SHAFT SIZE: 115 MM; LENGTH: 92 MM; MATERIAL: STL; SUPPL P/N: H3126; SUPPLIER NOTE - THE ITEM MUST BE ORIGINAL PROTECTIVE PACKED AND MARKED; SIZE 165MM OD; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	153	EA
940	0030050	SLEEVE, ADAPTOR: TYPE: BEARING; SHAFT SIZE: 90 MM; LENGTH: 71 MM; MATERIAL: STL; SUPPL P/N: H320; SUPPLIER NOTE - THE ITEM MUST BE ORIGINAL PROTECTIVE PACKED AND MARKED; SIZE 130MM OD; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	134	EA
950	0030061	BEARING, ROLLER: TYPE: SELF ALIGNING; INSIDE DIAMETER: 100 MM; OUTSIDE DIAMETER: 180 MM; WIDTH: 46 MM; ROW: DOUBLE; SUPPL P/N: 22220CK-STD	123	EA
960	0030090	BEARING, ROLLER: TYPE: SELF ALIGNING; INSIDE DIAMETER: 160 MM; OUTSIDE DIAMETER: 290 MM; WIDTH: 80 MM; ROW: DOUBLE; SUPPL P/N: 22232CCKC3; REFERENCE NUMBER MUST BE CAST AND	4	EA

		NOT ENGRAVED ON AND ORIGINAL PACKED		
970	0030093	BEARING, ROLLER: TYPE: SELF ALIGNING; INSIDE DIAMETER: 170 MM; OUTSIDE DIAMETER: 280 MM; WIDTH: 88 MM; ROW: DOUBLE; SUPPL P/N: 23134CCK-C3; NOTE - THE REFERENCE NUMBER MUST BE CAST AND NOT ENGRAVED ON AND ORIGINAL PACKED	6	EA
980	0030339	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: OPEN; INSIDE DIAMETER: 45 MM; OUTSIDE DIAMETER: 120 MM; WIDTH: 29 MM; ROW: SINGLE; SUPPL P/N: 6409C3; NOTE:THE REFERENCE NUMBER MUST BE CAST AND NOT ENGRAVED ON BEARING AND ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	68	EA
990	0030372	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: DOUBLE SHIELD; INSIDE DIAMETER: 8 MM; OUTSIDE DIAMETER: 22 MM; WIDTH: 7 MM; ROW: SINGLE; SUPPL P/N: 608-2Z; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	7	EA
1000	0030378	BEARING, BALL: TYPE: DEEP GROOVE; STYLE: DOUBLE SEAL; INSIDE DIAMETER: 17 MM; OUTSIDE DIAMETER: 47 MM; WIDTH: 14 MM; ROW: SINGLE; SUPPL P/N: 6303-2RS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	1	EA

## PART 3: SCOPE OF WORK

Take note that the speed limit within Duvha Power Station is 40Km/h and all vehicles should be parked in reverse at designated parking areas. The following lifesaving rules also form part of mandatory requirements to anyone entering all Eskom sites.

### LIFE-SAVING RULES

Eskom Life-Saving Rules are safety rules which shall not be broken under any circumstances. It must be highlighted that Eskom takes a ZERO TOLERANCE stance to violation of these rules. Life-saving Rules apply to all Eskom employees, agents, consultants, contractors and to any person entering Eskom sites.

Rule 1: Open, Isolate, test, earth, bond, and/or insulate before touch

Rule 2: Hook up at height

Rule 3: Buckle up

ESKOM HOLDINGS SOC LTD  
CONTRACT TITLE

CONTRACT NUMBER \_\_\_\_\_

Rule 4: Be sober

Rule 5: Ensure you have a permit to work

Rule 6: Report all injuries

Rule 7: Wear correct PPE at all times

Safety is a priority for Eskom. You are expected to develop a clear understanding of the rules and to apply them at all times. You are required to actively subscribe to these rules. Adherence to safety rules is a condition of employment.

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	

#### REFER TO ANNEXURE A: WORKS INFORMATIONS