



NEC3 Supply Contract (SC3)

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

and [Insert at award stage]
(Reg No. _____)

for Supply and Delivery of Seals and O-rings As and
When Required at Arnot Power Station for a Period
of Five (5) 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 <i>Purchaser</i>	[•]
C1.2b Contract Data provided by the <i>Supplier</i>	[•]
[to be inserted from Returnable Documents at award stage]	
C1.3 Proforma Guarantees	[•]

C1.1 Form of Offer & Acceptance

C.1.1.1 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 Seals and O_rings as and when required at Arnot Power Station for a Period of Five (5) Years

The tenderer, identified in the Offer signature block, has

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

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

	The offered total of the Prices exclusive of VAT is	R [•]
	Value Added Tax @ 15% is	R [•]
	The offered total of the amount due inclusive of VAT is ¹	R [•]
	(in words) [•]	

This Offer may be accepted by the Purchaser by signing the Acceptance part of this Form of Offer and Acceptance and returning one copy of this document including the Schedule of Deviations (if any) to the tenderer before the end of the period of validity stated in the Tender Data, or other period as agreed, whereupon the tenderer becomes the party named as the *Supplier* in the *conditions of contract* identified in the Contract Data.

Signature(s)

Name(s)

Capacity

**For the
tenderer:**

(Insert name and address of organisation)

Name &
signature of
witness

Date

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

Acceptance

By signing this part of this Form of Offer and Acceptance, the Purchaser identified below accepts the tenderer's Offer. In consideration thereof, the Purchaser shall pay the Supplier the amount due in accordance with the *conditions of contract* identified in the Contract Data. Acceptance of the tenderer's Offer shall form an agreement between the Purchaser and the tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract, are contained in:

Part C1	Agreements and Contract Data, (which includes this Form of Offer and Acceptance)
Part C2	Pricing Data
Part C3	Scope of Work: Goods Information including Supply Requirements

and drawings and documents (or parts thereof), which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Returnable Schedules as well as any changes to the terms of the Offer agreed by the tenderer and the Purchaser during this process of offer and acceptance, are contained in the Schedule of Deviations attached to and forming part of this Form of Offer and Acceptance. No amendments to or deviations from said documents are valid unless contained in this Schedule.

The tenderer shall within two weeks of receiving a completed copy of this agreement, including the Schedule of Deviations (if any), contact the Purchaser's agent (whose details are given in the Contract Data) to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the *conditions of contract* identified in the Contract Data at, or just after, the date this agreement comes into effect. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed and signed original copy of this document, including the Schedule of Deviations (if any).

Signature(s)

Name(s)

Capacity

for the
Purchaser

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

(Insert name and address of organisation)

Name &
signature of
witness

Date

Note: If a tenderer wishes to submit alternative tenders, use another copy of this Form of Offer and Acceptance.

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

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 _____

C1.2 SC3 Contract Data

Part one - Data provided by the *Purchaser*

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

Clause	Statement	Data
1	General	
	The <i>conditions of contract</i> are the core clauses and the clauses for Options	
		X1: Price adjustment for inflation
		X2 Changes in the law
		X7: Delay damages
		X17: Low performance damages
		Z: Additional conditions of contract
	of the NEC3 Supply Contract (April 2013) ¹	
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.	013 297 9111
	Fax No.	N/A
10.1	The <i>Supply Manager</i> is (name):	
	Address	Eskom Holdings SOC Limited (Reg No: 2002/015527/06) Arnot Power Station Private Bag x2, Rietkuil 1097
	Tel	013 297 9111
	Fax	N/A
	e-mail	
11.2(13)	The <i>goods</i> are	Seals and O-rings
11.2(13)	The <i>services</i> are	Supply and Delivery of Seals and O-rings as and when required at Arnot Power Station for

¹ Available from Engineering Contract Strategies Tel 011 803 3008 Fax 086 539 1902, www.ecs.co.za.

		the period of Five (5) Years.	
11.2(14)	The following matters will be included in the Risk Register	<ul style="list-style-type: none"> Late Deliveries Supply and Delivery of Goods that failed to meet contractual specifications 	
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	Five (5) working days	
2	The Supplier's 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.		
30.1	The <i>delivery date</i> of the goods and services is:	Goods and Services 1 Seals and O-rings	Delivery Date As stated in every Purchase Order issued
31.1	The <i>Supplier</i> is to submit a first programme for acceptance within	Two weeks of Purchase Order	
32.2	The <i>Supplier</i> submits revised programmes at intervals no longer than		
4	Testing and defects		
42	The <i>defects date</i> is	Fifty Two (52) weeks after delivery of goods and services	
42.2	The <i>defect access period</i> is	One (1) day	
42.3	The <i>defects corrections period</i> is	One (1) week or as agreed by the parties	
5	Payment		
50.1	The <i>assessment interval</i> is	between the 30 days of each successive month.	
51.1	The <i>currency of this contract</i> is the	ZAR (South African Rand)	
51.2	The period within which payments are made is	30 days after the receipt of correct and undisputed tax invoice	
51.4	The <i>interest rate</i> is	the publicly quoted prime rate of interest (calculated on a 365-day year) charged from time to time by the Standard Bank of South Africa Limited (as certified, in the event of any	

dispute, by any manager of such bank, whose appointment it shall not be necessary to prove) for amounts due in Rands.

6	Compensation events	There is no reference to Contract Data in this section of the core clauses and terms in italics used in this section are identified elsewhere in this Contract Data.
7	Title	There is no reference to Contract Data in this section of the core clauses and terms in italics used in this section are identified elsewhere in this Contract Data.
8	Risks, liabilities, indemnities and insurance	
80.1	These are additional <i>Employer's</i> risks	None
88.1	The <i>Supplier's</i> liability to the <i>Purchaser</i> for indirect or consequential loss, including loss of profit, revenue and goodwill is limited to	R0.0 (zero Rand)
88.5	The <i>end of liability date</i> is	One (1) year after expiry of contract
9	Termination and dispute resolution	
94.1	The <i>Adjudicator</i> is	the person selected from the ICE-SA Division (or its successor body) of the South African Institution of Civil Engineering Panel of 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).
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	South Africa
	The person or organisation who will choose an arbitrator	
	- if the Parties cannot agree a choice or	the Chairman for the time being or his nominee of the Association of Arbitrators (Southern Africa) or its successor body.
	- if the arbitration procedure does not state who selects an arbitrator, is	
10	Data for Option clauses	
X1	Price adjustment for inflation	

X1.1	The <i>base date</i> for indices is	[•]		
	The proportions used to calculate the Price Adjustment Factor are:	Proportion	linked to index for	Index prepared by
		15%	Fixed	Fixed Portion
		40%	Material	SEIFSA Table O2 (Rubber products)
		10%	Material	SEIFSA Table O2 (Plastic products)
		30%	Transport	SEIFSA Table L1B (Road Freight Costs)
		5%	CPI	SEIFSA Table D4
		100%		
X2	Changes in the law			
X2.1	A change in the law of	is a compensation event if it occurs after the Contract Date		
X7	Delay damages			
X7.1	Delay damages for Delivery are	Delivery of	amount per day	
		Incorrect items or late delivery	1% of purchase order value	
X7.2	Delivery Lead Time			
X17	Low performance damages			
X17.1	The amounts for low performance damages are:	amount	performance level	
		As stated in every Purchase Order issued	For each low performance product	
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

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

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

- Z3.1 Where a change in the *Supplier's* legal status, ownership or any other change to his business composition or business dealings results in a change to the *Supplier's* B-BBEE status, the *Supplier* notifies the *Purchaser* within seven days of the change.
- Z3.2 The *Supplier* is required to submit an updated verification certificate and necessary supporting documentation confirming the change in his B-BBEE status to the *Supply Manager* within thirty days of the notification or as otherwise instructed by the *Supply Manager*.
- Z3.3 Where, as a result, the *Supplier's* B-BBEE status has decreased since the Contract Date the *Purchaser* may either re-negotiate this contract or alternatively, terminate the *Supplier's* obligation to Provide the Goods and Services.
- Z3.4 Failure by the *Supplier* to notify the *Purchaser* of a change in its B-BBEE status may constitute a reason for termination. If the *Purchaser* terminates in terms of this clause, the procedures on termination are P1, P2 and P3 as stated in clause 92, and the amount due is A1 and A3 as stated in clause 93.

Z4 Confidentiality

- Z4.1 The *Supplier* does not disclose or make any information arising from or in connection with this contract available to Others. This undertaking does not, however, apply to information which at the time of disclosure or thereafter, without default on the part of the *Supplier*, enters the public domain or to information which was already in the possession of the *Supplier* at the time of disclosure (evidenced by written records in existence at that time). Should the *Supplier* disclose information to Others in terms of clause 23.1, the *Supplier* ensures that the provisions of this clause are complied with by the recipient.
- Z4.2 If the *Supplier* is uncertain about whether any such information is confidential, it is to be regarded as such until notified otherwise by the *Supply Manager*.
- Z4.3 In the event that the *Supplier* is, at any time, required by law to disclose any such information which is required to be kept confidential, the *Supplier*, to the extent permitted by law prior to disclosure, notifies the *Purchaser* so that an appropriate protection order and/or any other action can be taken, if possible, prior to any disclosure. In the event that such protective order is not, or cannot, be obtained, then the *Supplier* may disclose that portion of the information which it is required to be disclosed by law and uses reasonable efforts to obtain assurances that confidential treatment will be afforded to the information so disclosed.
- Z4.4 The taking of images (whether photographs, video footage or otherwise) of the *goods* or any portion thereof, in the course of Providing the Goods and Services and after Delivery, requires the prior written consent of the *Supply Manager*. All rights in and to all such images vests exclusively in the *Purchaser*.
- Z4.5 The *Supplier* ensures that all his subcontractors abide by the undertakings in this clause.

Z5 Waiver and estoppel: Add to core clause 12.3:

- Z5.1 Any extension, concession, waiver or relaxation of any action stated in this contract by the Parties, the *Supply Manager* or the *Adjudicator* does not constitute a waiver of rights and does not give rise to an estoppel unless the Parties agree otherwise and confirm such agreement in writing.

Z6 Health, safety and the environment: Add to core clause 25.4

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

Without limitation the *Supplier*:

- warrants that the total of the Prices as at the Contract Date includes a sufficient amount for proper compliance with all applicable health & safety laws and regulations and the health and safety rules, guidelines and procedures provided for in this contract and generally for the proper maintenance of health & safety in and about the execution of supply and
- undertakes, in and about the execution of the supply, to comply with all applicable health & safety laws and regulations and rules, guidelines and procedures otherwise provided for under this contract and ensures that his Subcontractors, employees and others under the *Supplier's* direction and control, likewise observe and comply with the foregoing.

- Z6.2 The *Supplier*, in and about the execution of the supply, complies with all applicable environmental laws and regulations and rules, guidelines and procedures otherwise provided for under this contract and ensures that his Subcontractors, employees and others under the *Supplier's* direction and control, likewise observe and comply with the foregoing.

Z7 Provision of a Tax Invoice and interest. Add to core clause 51

- Z7.1 Within one week of receiving a payment certificate from the *Supply Manager* in terms of core clause 51.1, the *Supplier* provides the *Purchaser* with a tax invoice in accordance with the *Purchaser's* procedures stated in the Goods Information, showing the amount due for payment equal to that stated in the payment certificate.
- Z7.2 If the *Supplier* does not provide a tax invoice in the form and by the time required by this contract, the time by when the *Purchaser* is to make a payment is extended by a period equal in time to the delayed submission of the correct tax invoice. Interest due by the *Purchaser* in terms of core clause 51.2 is then calculated from the delayed date by when payment is to be made.
- Z7.3 The *Supplier* (if registered in South Africa in terms of the companies Act) is required to comply with the requirements of the Value Added Tax Act, no 89 of 1991 (as amended) and to include the *Purchaser's* VAT number 4740101508 on each invoice he submits for payment.

Z8 Notifying compensation events

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

Z9 Purchaser's limitation of liability

- Z9.1 The *Purchaser's* liability to the *Supplier* for the *Supplier's* indirect or consequential loss is

limited to R0.00 (zero Rand)

Z9.2 The *Supplier's* entitlement under the indemnity in 83.1 is provided for in 60.1(12) and the *Purchaser's* liability under the indemnity is limited.

Z10 Termination: Add to core clause 91.1, at the second main bullet point, fourth sub-bullet point, after the words "against it":

Z10.1 or had a business rescue order granted against it.

Z11 Addition to secondary Option X7 Delay damages (if applicable in this contract)

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

Z12 Ethics

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

Affected Party	means, as the context requires, any party, irrespective of whether it is the <i>Supplier</i> or a third party, such party's employees, agents, or Subcontractors or Subcontractor's employees, or any one or more of all these parties' relatives or friends,
Coercive Action	means to harm or threaten to harm, directly or indirectly, an Affected Party or the property of an Affected Party, or to otherwise influence or attempt to influence an Affected Party to act unlawfully or illegally,
Collusive Action	means where two or more parties co-operate to achieve an unlawful or illegal purpose, including to influence an Affected Party to act unlawfully or illegally,
Committing Party	means, as the context requires, the <i>Supplier</i> , or any member thereof in the case of a joint venture, or its employees, agents, or Subcontractors or the Subcontractor's employees,
Corrupt Action	means the offering, giving, taking, or soliciting, directly or indirectly, of a good or service to unlawfully or illegally influence the actions of an Affected Party,
Fraudulent Action	means any unlawfully or illegally intentional act or omission that misleads, or attempts to mislead, an Affected Party, 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.

Z13Insurance

Z 13.1 Replace core clause 84 with the following:

Insurance cover 84

84.1 When requested by a Party, the other Party provides certificates from his insurer or broker stating that the insurances required by this contract are in force.

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

INSURANCE TABLE A

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

Z 13.2 Replace core clause 87 with the following:

**Insurance by
the *Purchaser***

87

87.1 The *Purchaser* provides the insurances stated in the Insurance Table B

INSURANCE TABLE B

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

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

- Z14.1 The *Purchaser* is the operator of the Koeberg Nuclear Power Station (KNPS), a nuclear installation, as designated by the National Nuclear Regulator of the Republic of South Africa and is the holder of a nuclear licence in respect of the KNPS.
- Z14.2 The *Purchaser* is solely responsible for and indemnifies the *Supplier* or any other person against any and all liabilities which the *Supplier* or any person may incur arising out of or resulting from nuclear damage, as defined in Act 47 of 1999, save to the extent that any liabilities are incurred due to the unlawful intent of the *Supplier* or any other person or the presence of the *Supplier* or that person or any property of the *Supplier* or such person at or in the KNPS or on the KNPS site, without the permission of the *Purchaser* or of a person acting on behalf of the *Purchaser*.
- Z14.3 Subject to clause Z14.4 below, the *Purchaser* waives all rights of recourse, arising from the aforesaid, save to the extent that any claims arise or liability is incurred due or attributable to the unlawful intent of the *Supplier* or any other person, or the presence of the *Supplier* or that person or any property of the *Supplier* or such person at or in the KNPS or on the KNPS site, without the permission of the *Purchaser* or of a person acting on behalf of the *Purchaser*.
- Z14.4 The *Purchaser* does not waive its rights provided for in section 30 (7) of Act 47 of 1999, or any replacement section dealing with the same subject matter.
- Z14.5 The protection afforded by the provisions hereof shall be in effect until the KNPS is decommissioned.

Z15 Asbestos

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

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

Safe Levels	means airborne asbestos exposure levels conforming to the Standard's requirements for safe processing, handling, storing, disposal and phase-out of asbestos and asbestos containing material, equipment and articles.
Standard	means the <i>Purchaser's</i> Asbestos Standard 32-303: Requirements for Safe Processing, Handling, Storing, Disposal and Phase-out of Asbestos and Asbestos Containing Material, Equipment and Articles.
SANAS	means the South African National Accreditation System.
TWA	means the average exposure, within a given workplace, to airborne asbestos fibres, normalised to the baseline of a 4-hour continuous period, also applicable to short term exposures, i.e. 10-minute TWA.

- Z15.1 The *Purchaser* ensures that the Ambient Air in the area where the *Supplier* will Provide the Services conforms to the acceptable prescribed South African standard for asbestos, as per the regulations published in GNR 155 of 10 February 2002, under the Occupational Health and Safety Act, 1993 (Act 85 of 1993) ("Asbestos Regulations"). The OEL for asbestos is 0.2 regulated asbestos fibres per millilitre of air as a 4-hour TWA, averaged over any continuous period of four hours, and the short-term exposure limit of 0.6 regulated asbestos fibres per millilitre of air as a 10-minute TWA, averaged over any 10 minutes, measured in accordance with HSG248 and monitored according to HSG173 and OESSM.
- Z15.2 Upon written request by the *Supplier*, the *Purchaser* certifies that these conditions prevail. All measurements and reporting are 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.

Annexure A: Supply Requirements

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

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

The *Supplier* supplies the *goods* in accordance with INCOTERMS 2010² as follows:

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

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

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

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

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

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

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

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

² International Chamber of Commerce, Incoterms 2010, Paris, January 2011

The Supply Requirements for this contract are as follows:

[Use these when INCOTERMS do not apply].

1. The requirements for the supply are	Seals and O_rings	
2. The requirements for transport are	The <i>Supplier</i> is responsible for transporting the goods to Site. The <i>Supplier</i> takes responsibility of the goods while in transit i.e. insurances etc. Goods are to be off loaded at Arnot Power Station Main Stores Receiving	
3. The delivery place is	Eskom Arnot Power Station	
4. Actions of the Parties during supply	Action	Party which does it
	Giving notice of Delivery	<i>Supplier</i>
	Checking packing and marking before dispatch	<i>Supplier</i>
	Contracting for transport	<i>Supplier</i>
	Pay costs of transport	<i>Supplier</i>
	Arrange access to delivery place	<i>Supplier</i>
	Loading the <i>goods</i>	<i>Supplier</i>
	Unloading the <i>goods</i>	<i>Supplier</i>
For international procurement	Undertake export requirements	<i>Supplier</i>
	Undertake import requirements	<i>Supplier</i>
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	

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*

Notes to a tendering supplier:

1. Please read both the NEC3 Supply Contract (SC3)¹ and the relevant parts of its Guidance Notes (SC3-GN)² 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:	Annexure A
11.2(11)	The tendered total of the Prices is	R (in words)
11.2(12)	The <i>price schedule</i> is in:	
11.2(14)	The following matters will be included in the Risk Register	N/A
25.2	The restrictions to access for the <i>Supply Manager</i> and Others to work being done for this contract are	None
30.1	The <i>delivery date</i> of the <i>goods</i> and <i>services</i> is:	Stated in every Purchase Order
63.2	The <i>percentage for overheads and profit</i> added to the Defined Cost is	N/A

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

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

NEC3 Supply Contract

Document reference	Title	No of pages
	This cover page	1
C2.1	Pricing Assumptions	2
C2.2	<i>The Price Schedule</i>	31
	Total number of pages	34

C2.1 Pricing assumptions

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

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

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

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

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*

Item No	Description	Unit	Quantity	Rate	Amount
1	SEAL, OIL: INSIDE DIAMETER: 40 MM; OUTSIDE DIAMETER: 60 MM; WIDTH: 10 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; SUPPL P/N: BA40-60-10	EA	100		
2	SEAL, RING: INSIDE DIAMETER: 70 MM; OUTSIDE DIAMETER: 90 MM; THICKNESS: 12 MM; MATERIAL: STL; DRAWING NO: BOR157146 ITEM 6 REV 1; BOR157146 REV 1; FOR STEAM FEED PUMP TURBINE BLEED STEAM GOVERNOR VALVE	EA	50		
3	O RING: INSIDE DIAMETER: 139.07 MM; WIDTH: 6.99 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-433; DRAWING NO: 138712 ITEM 54 REV 1; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
4	O RING: INSIDE DIAMETER: 139.07 MM; WIDTH: 6.99 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-433; DRAWING NO: 138712 ITEM 54 REV 1; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
5	O RING: INSIDE DIAMETER: 253.37 MM; WIDTH: 5.33 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-377; DRAWING NO: B3R154321 ITEM 59 REV 1; FOR USE WITH TYPE AR 250; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20		
6	SEAL, RING: INSIDE DIAMETER: 248 MM; OUTSIDE DIAMETER: 262 MM; THICKNESS: 6 MM; MATERIAL: CS; DRAWING NO: 151739 REV 1; 151739 ITEM15 REV 1	EA	10		
7	SEAL, RING: TYPE: TAPER; INSIDE DIAMETER: 240 MM; OUTSIDE DIAMETER: 280 MM; THICKNESS: 30 MM; MATERIAL: STL; DRAWING NO: CEM BONB 136939 REV 1; GOVERNOR VALVE STEAM SIDE	EA	10		

Item No.	Description	Unit	Quantity	Rate	Amount
8	SEAL, RING: TYPE: NUT; INSIDE DIAMETER: 34 MM; OUTSIDE DIAMETER: 48 MM; THICKNESS: 21 MM; MATERIAL: PTFE; DRAWING NO: 152123 REV 1	EA	10		
9	SEAL, RING: TYPE: BONNET; INSIDE DIAMETER: 367 MM; OUTSIDE DIAMETER: 400 MM; THICKNESS: 12 MM; MATERIAL: STL; REFERENCE NO: CM; LARGE EMP CONTR	EA	10		
10	SEAL, RING: INSIDE DIAMETER: 275 MM; OUTSIDE DIAMETER: 300 MM; THICKNESS: 9 MM; MATERIAL: GRAPHITE; SUPPL P/N: 1105134000; REFERENCE NO: 5.07.320.250.11.35.36.37; TO TA 500, SK 06-588-2	EA	10		
11	SEAL, LABYRINTH: TYPE: RING; DIMENSIONS: ID 116 X OD 190 MM; MATERIAL: STL; APPLICATION: PLUMMER BLOCK; MANUF P/N: TSN-224; TSV-224; SUPPL P/N: 416-98; ITEM 51, FOR 500 DIA X 600 LH TWO ROLL ASH CRUSHER; CAMDEN TO ACCEPT FAG AND/OR SKF BRANDS ONLY	EA	20		
12	SEAL, RING: TYPE: RING; INSIDE DIAMETER: 653.5 MM; OUTSIDE DIAMETER: 739 MM; THICKNESS: 60 MM; MATERIAL: EN9 BS 970 GR 070M55; DRAWING NO: 26.41/56804 REV 1; REFERENCE NO: P6 -100	EA	10		
13	SEAL: TYPE: PIPE INSULATION; DIMENSIONS: ID 510 X OD 530 X THK 35 MM; MATERIAL: RUBBER; COUPLING SEAL, SIZE 381MM OD PIPE, VIKING JOHNSON COUPLING	EA	80		
14	SEAL, RING: TYPE: PIPE INSULATION; INSIDE DIAMETER: 597 MM; OUTSIDE DIAMETER: 617 MM; THICKNESS: 30 MM; MATERIAL: RUBBER; SIZE 597.4MM, FOR JOHNSON COUPLING	EA	10		
15	SEAL: TYPE: RING; DIMENSIONS: WD 148 X THK 7 MM; MATERIAL: FIBER WIRE TEFLON LINED; APPLICATION: COMPENSATOR; DRAWING NO: 0.1518.09.0300 REV 0; SPECIALLY TREATED TO WITHSTAND A TEMPERATURE OF: 230DEG C AND 600PS WITH 6MM METAL WIRE; GLASS FABRIC	EA	10		
16	SEAL: TYPE: RING SEGMENT; DIMENSIONS: ID 87 X OD 145 X THK 16 MM; MATERIAL: CARBON; REFERENCE NO: CY2; 3 SEGMENTS PER SET	EA	10		
17	SEAL, RING: INSIDE DIAMETER: 465 MM; OUTSIDE DIAMETER: 490 MM; THICKNESS: 16 MM; MATERIAL: STL; IP STM ADM P FLANGE	EA	10		
18	SEAL, RING: TYPE: SHAFT; INSIDE DIAMETER: 110 MM; OUTSIDE DIAMETER: 132 MM; MATERIAL: BRASS; SUPPL P/N: 420; DRAWING NO: 510-72-123-01 REV 1; MODEL NO: CHTA80; KSB	EA	10		

Ite m No.	Description	Unit	Quan tity	Rate	Amount
19	SEAL, RING: TYPE: HUB; INSIDE DIAMETER: 1.401 MM; OUTSIDE DIAMETER: 1.52 MM; THICKNESS: 3 MM; MATERIAL: STL; SUPPL P/N: 184-1; DRAWING NO: W78344 REV 1; TOP AND BOTTOM 14 SWG	EA	10		
20	SEAL, RING: TYPE: HOLDING HUB; INSIDE DIAMETER: 1.45 M; OUTSIDE DIAMETER: 1.535 M; THICKNESS: 5 MM; MATERIAL: STL; SUPPL P/N: 184-2; DRAWING NO: W/78345 REV 1; FOR AIR PREHEATER	EA	10		
21	COVER: TYPE: DUST; DIMENSIONS: DIA 190 X LG 180 MM; MATERIAL: RUBBER; SUPPL P/N: 1518-57; NP 45/2, FOR THE USE ON POWER CYLINDERS	EA	400		
22	SEAL, RING: TYPE: COUPLING; INSIDE DIAMETER: 345 MM; OUTSIDE DIAMETER: 355 MM; THICKNESS: 10 MM; MATERIAL: RUBBER; SUPPL P/N: 16398; JL EXTRUTION ROLL 300M LG	EA	2 500		
23	SEAL, RING: TYPE: COUPLING; INSIDE DIAMETER: 85 MM; OUTSIDE DIAMETER: 115 MM; THICKNESS: 10 MM; MATERIAL: RUBBER	EA	10		
24	SEAL: TYPE: COUPLING; DIMENSIONS: ID 120 X OD 145 X THK 15 MM; MATERIAL: RUBBER	EA	10		
25	O RING SET: APPLICATION: DOSING PUMP; QUANTITY: 11; MATERIAL: VITON; ONE SET CONSISTS OF:- 9 X O-RINGS TYPE: 014, 1.78 MM THICK 2 X O-RINGS TYPE: 017, 1.78 MM THICK, ALL O-RINGS TO BE SUPPLIED IN ONE PLASTIC BAG AS PER SET, USED ON AMMONIA DOSING PUMP PLANT; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER IF APPLICABLE)	EA	10		
26	SEAL, OIL: INSIDE DIAMETER: 80 MM; OUTSIDE DIAMETER: 110 MM; WIDTH: 10 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; 12MM THK	EA	10		
27	O RING, CORD: MATERIAL: RUBBER NATURAL; THICKNESS: 6.4 MM; SHORE HARDNESS: 75 DEG; BLACK, SHELF LIFE, DATE OF MANUFACTURE AND METHOD OF STORAGE REQUIRED WITH DELIVERY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		

Item No.	Description	Unit	Quantity	Rate	Amount
28	O RING, CORD: MATERIAL: RUBBER NATURAL; THICKNESS: 7.9 MM; SIZE 8MM OD; BLACK; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	200		
29	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 9.5 MM; NATURAL; BLACK; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
30	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 13 MM; SHORE HARDNESS: 75 DEG; SIZE: 10M LG, BLACK, NATURAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	60		
31	SEAL, OIL: INSIDE DIAMETER: 38.1 MM; OUTSIDE DIAMETER: 57.15 MM; WIDTH: 9.52 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES	EA	10		
32	SEAL, OIL: INSIDE DIAMETER: 22 MM; OUTSIDE DIAMETER: 40 MM; WIDTH: 8.5 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; SUPPL P/N: SMIM22408; PLAIN, MOULDED-IN REINFORCEMENT	EA	20		
33	SEAL, OIL: TYPE: ENCASED; INSIDE DIAMETER: 25 MM; OUTSIDE DIAMETER: 35 MM; WIDTH: 7 MM; MATERIAL: NITRILE; SEALING MEMBER: DOUBLE LIP; SPRING LOADED: YES; USED ON PRECIP DOUBLE FLAP VALVES, PLAIN	EA	10		
34	SEAL, OIL: TYPE: PLAIN; INSIDE DIAMETER: 60.3 MM; OUTSIDE DIAMETER: 79.4 MM; WIDTH: 9.55 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: SINGLE LIP; REFERENCE NO: MIS26; MOULDED-IN REINFORCEMENT	EA	10		
35	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 3.5 MM; SHORE HARDNESS: 75 DEG; BLACK, SHELF LIFE, DATE OF MANUFACTURE AND METHOD OF STORAGE REQUIRED WITH DELIVERY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE). WITH SABS CERTIFICATE; COLOUR: GREEN	EA	300		

Item No.	Description	Unit	Quantity	Rate	Amount
36	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 4 MM; SHORE HARDNESS: 75 DEG; BLACK; SHELF LIFE, DATE OF MANUFACTURE AND METHOD OF STORAGE REQUIRED WITH DELIVERY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	600		
37	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 4.7 MM; SHORE HARDNESS: 75 DEG; BLACK; SHELF LIFE, DATE OF MANUFACTURE AND METHOD OF STORAGE REQUIRED WITH DELIVERY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	200		
38	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 6.3 MM; SHORE HARDNESS: 75 DEG; COLOUR: BLACK, SHELF LIFE, DATE OF MANUFACTURE AND METHOD OF STORAGE REQUIRED WITH DELIVERY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	300		
39	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 8 MM; SHORE HARDNESS: 75 DEG; SIZE: 10M LG, BLACK, SHELF LIFE, DATE OF MANUFACTURE AND METHOD OF STORAGE REQUIRED WITH DELIVERY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	30		
40	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 9.5 MM; SHORE HARDNESS: 75 DEG; BLACK, SHELF LIFE, DATE OF MANUFACTURE AND METHOD OF STORAGE REQUIRED WITH DELIVERY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	100		
41	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 12.7 MM; SHORE HARDNESS: 75 DEG; BLACK; SHELF LIFE, DATE OF MANUFACTURE AND METHOD OF STORAGE REQUIRED WITH DELIVERY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	60		
42	SEAL, OIL: INSIDE DIAMETER: 28.6 MM; OUTSIDE DIAMETER: 47.6 MM; WIDTH: 9.5 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES	EA	10		

Item No.	Description	Unit	Quantity	Rate	Amount
43	SEAL, OIL: TYPE: PLAIN; INSIDE DIAMETER: 50.8 MM; OUTSIDE DIAMETER: 69.9 MM; WIDTH: 9.5 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: DOUBLE LIP; SPRING LOADED: YES; SUPPL P/N: MIS20	EA	10		
44	SEAL, OIL: INSIDE DIAMETER: 63.5 MM; OUTSIDE DIAMETER: 82.7 MM; WIDTH: 9.53 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: DOUBLE LIP; SPRING LOADED: YES; SUPPL P/N: MIS28; SHAPE ROUND	EA	10		
45	SEAL, OIL: TYPE: PLAIN; INSIDE DIAMETER: 57.2 MM; OUTSIDE DIAMETER: 85.7 MM; WIDTH: 12.7 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: DOUBLE LIP; SPRING LOADED: YES; MOULDED REINFORCEMENT	EA	10		
46	SEAL, OIL: INSIDE DIAMETER: 90 MM; OUTSIDE DIAMETER: 120 MM; WIDTH: 12 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; SUPPL P/N: CB9012012	EA	10		
47	SEAL, OIL: TYPE: ENCASED; INSIDE DIAMETER: 15 MM; OUTSIDE DIAMETER: 36 MM; WIDTH: 7 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; SUPPL P/N: MIS14	EA	10		
48	O RING: INSIDE DIAMETER: 15.54 MM; WIDTH: 2.62 MM; MATERIAL: RUBBER SYNTHETIC; INDUSTRY STANDARD: 2-114; COLOR: BLACK; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
49	SEAL, OIL: TYPE: PLAIN; INSIDE DIAMETER: 49.21 MM; OUTSIDE DIAMETER: 69.85 MM; WIDTH: 9.52 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES	EA	10		
50	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 7 MM; BLACK, NOT RATED FOR SHORE HARDNESS, REQUIRED WITH DELIVERY DATE OF MANUFACTURE, SHELF LIFE AND STORAGE METHOD, TO BE SUPPLIED IN ONE LENGTH; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	600		

Item No.	Description	Unit	Quantity	Rate	Amount
51	O RING: INSIDE DIAMETER: 250 MM; WIDTH: 6.99 MM; MATERIAL: RUBBER; COLOR: BLACK; DIMENSION: 7MM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
52	SEAL: TYPE: BAFFLE; DIMENSIONS: VARIOUS; MATERIAL: BRASS; APPLICATION: GEARBOX DE/NDE; SPECIFICATION: ISO 9001; MODEL NO: TA56SV; TYPE RENK	EA	10		
53	SEAL: TYPE: FLANGE; DIMENSIONS: ID 150 X OD 154 X THK 40 MM; MATERIAL: RUBBER; DRAWING NO: 4704933 REV 1; ITEM USED ON PRECIPITATORS	EA	10		
54	SEAL, OIL: INSIDE DIAMETER: 63.5 MM; OUTSIDE DIAMETER: 82.5 MM; WIDTH: 12.7 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; REFERENCE NO: WR704	EA	10		
55	SEAL, MECHANICAL: SHAFT DIAMETER: 28 MM; BODY MATERIAL: STAINLESS STEEL; APPLICATION: PUMP; REFERENCE NO: 43BNCAEN; T521/ARICI/BO, ELASTOMER (VITON) BELLOW, ROTATING FACE, RESIN IMPREGNATED CARBON, STATIONARY SEAT, ALUMINIUM OXIDE CERAMIC; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
56	SEAL, MECHANICAL: SHAFT DIAMETER: 28 MM; BODY MATERIAL: STAINLESS STEEL; APPLICATION: PUMP; REFERENCE NO: EGGSEAL0L; T1/ARICI/BO, ELASTOMER (VITON) - BELLOW, ROTATING FACE, RESIN IMPREGNATED CARBON, STATIONARY SEAT, ALUMINIUM OXIDE CERAMIC, ALL METAL PARTS ARE STAINLESS STEEL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
57	SEAL, RING: TYPE: INSULATING; INSIDE DIAMETER: 188 MM; OUTSIDE DIAMETER: 238 MM; THICKNESS: 19 MM; MATERIAL: CARBON; WITH GARTER SPRINGS	EA	10		

Item No.	Description	Unit	Quantity	Rate	Amount
58	SEAL, RING: INSIDE DIAMETER: 60 MM; OUTSIDE DIAMETER: 72 MM; THICKNESS: 2 MM; MATERIAL: RUBBER; SUPPL P/N: 223436-02; MODEL NO: MAB 103B; REFERENCE NO: 223436-02; FOR PORTABLE OIL PURIFIER	EA	10		
59	SEAL, MECHANICAL: TYPE: MECHANICAL; SHAFT DIAMETER: 57 MM; BODY MATERIAL: STAINLESS STEEL; APPLICATION: PUMP; 2-1/4 IN T209/QRI7I/V, PTFE, ROTATING FACE RESIN IMPREGNATED CARBON, STATIONARY SEAT, AUSTENIC CAST IRON (NI RESIST), ALL THE METAL PARTS STAINLESS STEEL, HP FUEL OIL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
60	SEAL, OIL: INSIDE DIAMETER: 37 MM; OUTSIDE DIAMETER: 48 MM; WIDTH: 7 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; U GAGO	EA	10		
61	SEAL, OIL: INSIDE DIAMETER: 61 MM; OUTSIDE DIAMETER: 86 MM; WIDTH: 13 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; U	EA	10		
62	SEAL, OIL: INSIDE DIAMETER: 33.5 MM; OUTSIDE DIAMETER: 61 MM; WIDTH: 13 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; SUPPL P/N: 930	EA	10		
63	O RING SET: APPLICATION: PUMP; QUANTITY: 2; MATERIAL: VITON; REFERENCE NO: 412.3; KSB 100PCT; SIZE 155 MM ID X 3.5 MM CORD DIAMETER; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
64	O RING SET: APPLICATION: PUMP; QUANTITY: 2; MATERIAL: VITON; DRAWING NO: 510 72 123 01 REV 1; REFERENCE NO: 412.4; KSB 100PCT; SIZE 170 MM X 3.5 MM CORD DIAMETER; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		

Item No.	Description	Unit	Quantity	Rate	Amount
65	O RING SET: APPLICATION: PUMP; QUANTITY: 2; MATERIAL: RUBBER; REFERENCE NO: 412.6; KSB 100PCT SIZE 280 MM ID X 4 MM CORD DIAMETER; MAT TYPE:EP80 OR HE4180; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
66	O RING: INSIDE DIAMETER: 253.59 MM; WIDTH: 3.53 MM; INDUSTRY STANDARD: 2-274; DRAWING NO: 510 72 123 01 REV 1; REFERENCE NO: 412.12; KSB 100PCT PUMP; SIZE: 265MM ID X 4MM CORE DIAMETER; 2 PER SET, NB80; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
67	O RING: INSIDE DIAMETER: 209.14 MM; WIDTH: 3.53 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-267; DRAWING NO: 510 72 123 01 REV 1; REFERENCE NO: EP80 OR HE4180; 412.2; KSB 100PCT PUMP; SIZE 216MM ID X 4MM CORD DIAMETER; 2 PER SET; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20		
68	O RING: INSIDE DIAMETER: 104.14 MM; WIDTH: 5.33 MM; MATERIAL: NB70 OR NB80; INDUSTRY STANDARD: 2-346; REFERENCE NO: 412.1; 100PCT; PUMP SIZE ID 265MM X THK 5MM CORD DIAMETER; 1 PER SET; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
69	O RING: INSIDE DIAMETER: 145.64 MM; WIDTH: 3.53 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-256; DRAWING NO: 510 72 123 01 REV 1; REFERENCE NO: 412.8; 100 PCT PUMP; SIZE 150MM ID X 4MM CORD DIAMETER; MAT TYPE: HE 4180 OR EP 80; 1 PER SET; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
70	O RING: INSIDE DIAMETER: 15.47 MM; WIDTH: 3.53 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-208; REFERENCE NO: 412.13; KSB 100PCT PUMP, SIZE ID 16MM X THK 5MM CORD DIAMETER, MAT TYPER VB 80, 1 PER SET; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		

Item No.	Description	Unit	Quantity	Rate	Amount
71	O RING: INSIDE DIAMETER: 190.09 MM; WIDTH: 3.53 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-264; DRAWING NO: 510 72 123 01 REV 1; REFERENCE NO: 412.9; HE 4180; 100PCT PUMP; SIZE 196MM ID X 4MM CORD DIAMETER; MAT TYPE: EP 80; 4 PER SET; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
72	O RING SET: APPLICATION: WKLN 40/5 STG PUMP; PART NO 412 - KSB (SA)(PTY)LTD, SET CONSISTING OF: 412.1 O-RING DIFFUSER (LAST STAGE), 412.2 O-RING FOR SHAFT PROTECTING SLEEVE, 412.3 O-RING FOR SHAFT PROTECTING SLEEVE, 412.4 O-RING FOR STAGE CASING; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	50		
73	SEAL: TYPE: FILTER COVER; DIMENSIONS: ID 175 X OD 195 X THK 3 MM; MATERIAL: RUBBER; SUPPL P/N: 858/B1; CAT NO: M212; FOR FLUIDEX I2250 OIL PURIFIER	EA	10		
74	O RING SET: QUANTITY: 4; SUPPL P/N: 412-1-2; WKLN 150/2 STAGE PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
75	SEAL, MECHANICAL: TYPE: ROTATING SEAT; SHAFT DIAMETER: 6 IN; BODY MATERIAL: STAINLESS STEEL; SUPPL P/N: T8B1RS/QARIKI/PP; MODEL NO: CHTA 80-3 STG; O RING TYPE SEAL, ROTATING FACE, RESIN IMPREGNATED CARBON, STATIONARY SEAT, COBALT BONDED TUNGSTEN CARBIDE, ALL THE METAL PARTS- STAINLESS STEEL, ELASTOMER (VITON), FOR KSB PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	30		
76	SEAL, RING: TYPE: IMPELLER; INSIDE DIAMETER: 255 MM; OUTSIDE DIAMETER: 300 MM; THICKNESS: 6 MM; MATERIAL: RUBBER; REFERENCE NO: E4122; FOR WARMAN PUMP MODEL 6-4E TYPE P(CH), REQUIRED FOR NEW PUMP AT THE SOUTH SED	EA	10		

Item No.	Description	Unit	Quantity	Rate	Amount
77	SEAL, OIL: TYPE: CRANKSHAFT; INSIDE DIAMETER: 23 MM; OUTSIDE DIAMETER: 46 MM; WIDTH: 7 MM; MATERIAL: RUBBER; REFERENCE NO: 0001-02; POSITION 13; FOR HAWK HC 500 CHEMICAL DOSING PUMP	EA	100		
78	SEAL, OIL: INSIDE DIAMETER: 14 MM; OUTSIDE DIAMETER: 24 MM; WIDTH: 5 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; PLUG O-RING, CODE 0603-06, FOR HAWK HC 500 CHEMICAL DOSING PUMP	EA	10		
79	SEAL, OIL: INSIDE DIAMETER: 1-1/4 IN; OUTSIDE DIAMETER: 1-3/4 IN; WIDTH: 9 MM; MATERIAL: VITON; SEALING MEMBER: SINGLE LIP; U-SEAL, HYDRAULIC	EA	10		
80	SEAL, MECHANICAL: SHAFT DIAMETER: 30 MM; BODY MATERIAL: STAINLESS STEEL; APPLICATION: PUMP; SUPPL P/N: T4610/ARISH/FF; O RING CARTRIDGE SEAL, ROTATING FACE, RESIN IMPREGNATED CARBON, STATIONARY SEAT, SILICON CARBIDE, ALL THE METAL PARTS STAINLESS - STEEL, SPRING MATERIAL HASTELLOY C, ELASTOMER EPR; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
81	SEAL, RING: TYPE: HIGH PRESSURE; INSIDE DIAMETER: 310 MM; OUTSIDE DIAMETER: 375 MM; THICKNESS: 45 MM; MATERIAL: GRAPHITE SS REINFORCED; DRAWING NO: 26.41/36632 REV 1; 26.41/36632 ITEM1 REV 1; FOR USE ON ELECTRIC FEED PUMP NON RETURN VALVE, CONSISTS OF TWO PARTS WITH A 45DEG ANGLED FACE WITH OVERHAUL DIMENSIONS AS ABOVE, FOR UNIT 1 - 3	EA	10		
82	O RING: INSIDE DIAMETER: 23.5 MM; WIDTH: 2.6 MM; MATERIAL: NEOPRENE; INDUSTRY STANDARD: 2-024; DRAWING NO: ESKOM 41/21532 REV 1; VALVE SLEEVE; O/D 28.7MM; AS PER ESKOM SHEER 1 AND 2; FOR OIL BURNER 4-WAY VALVE; FOR FUEL OIL USE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		

Item No.	Description	Unit	Quantity	Rate	Amount
83	SEAL, OIL: INSIDE DIAMETER: 80 MM; OUTSIDE DIAMETER: 88 MM; WIDTH: 7 MM; MATERIAL: BRZ PHOSPHOR; REFERENCE NO: SFPT	EA	10		
84	O RING, CORD: MATERIAL: VITON; THICKNESS: 2.5 MM; SIZE: 5.5M LG; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	100		
85	SEAL, MECHANICAL: SHAFT DIAMETER: 50 MM; BODY MATERIAL: STAINLESS STEEL; T502/BRICI/BO, ELASTOMER BELLOW, ROTATING FACE, RESIN IMPREGNATED CARBON, STATIONARY SEAT, ALUMINIUM - OXIDE CERAMIC, DEMIN WATER PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
86	O RING SET: APPLICATION: FILTER; MATERIAL: NITRILE; FOR EFP DUPLEX OIL FILTERS, KIT CONSISTING OF 3 O-RINGS:- (A) 1 X P/N 2-238 WITH A 96 MM OUTSIDE DIAMETER AND A 88.5 MM INSIDE DIAMETER AND 3.53 MM THICK, (B) 1 X P/N 2-335 WITH A 80 MM OUTSIDE DIAMETER AND A 69.5 MM INSIDE DIAMETER AND 5.33 MM THICK, (C) 1 X P/N 2-334 WITH A 77 MM OUTSIDE DIAMETER AND A 66 MM INSIDE DIAMETER AND 5.33 MM THICK; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
87	O RING, CORD: MATERIAL: VITON; THICKNESS: 7 MM; TO BE SUPPLIED IN A SEALED PLASTIC BAG CLEARLY MARKED WITH DESCRIPTION AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
88	O RING, CORD: MATERIAL: VITON; THICKNESS: 3.53 MM; TO BE SUPPLIED IN A SEALED PLASTIC BAG CLEARLY MARKED WITH DESCRIPTION AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	200		

Item No.	Description	Unit	Quantity	Rate	Amount
89	O RING SET: TYPE: REPAIR; QUANTITY: 8; MATERIAL: VITON; CONSISTING OF 4 OFF 52MM ID X 6MM 4 OFF 100MM ID X 6MM FOR USE ON H2 SEAL HOUSING SEAL; TO BE SUPPLIED IN A SEALED PLASTIC CONTAINER AND CLEARLY MARKED WITH DESCRIPTION, NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
90	O RING: INSIDE DIAMETER: 22 MM; WIDTH: 2.5 MM; MATERIAL: VITON; REPAIR KIT; SET CONSISTING OF= 16 OFF; FOR USE ON OIL FILTERS SEAL; ITEM TO BE SUPPLIED IN A PLASTIC CONTAINER AND CLEARLY MARKED WITH DESCRIPTION; NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
91	O RING, CORD: MATERIAL: VITON; THICKNESS: 8 MM; TO BE SUPPLIED IN A SEALED PLASTIC BAG CLEARLY MARKED WITH DESCRIPTION AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
92	O RING SET: TYPE: REPAIR; MATERIAL: VITON; CONSISTING OF; = 3 OFF 40.64MM ID X 5.33MM 3 OFF 34.52MM ID X 5.35MM FOR USE ON SEAL OIL PUMP SEAL; TO BE SUPPLIED IN A SEALED PLASTIC CONTAINER CLEARLY MARKED WITH DESCRIPTION, NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
93	O RING: INSIDE DIAMETER: 175 MM; WIDTH: 6 MM; MATERIAL: VITON; REPAIR KIT; SET CONSISTING OF= 2 OFF; FOR USE ON MAIN CONTROL OIL PUMP SEAL; TO BE SUPPLIED AS A KIT IN A SEALED PLASTIC CONTAINER CLEARLY MARKED WITH DESCRIPTION; NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		

Item No.	Description	Unit	Quantity	Rate	Amount
94	O RING SET: QUANTITY: 2; MATERIAL: VITON; REPAIR KIT; FOR USE ON MAIN OIL PUMP SEAL; TO BE SUPPLIED IN A SEALED PLASTIC CONTAINER CLEARLY MARKED WITH DESCRIPTION NUMBER OF ITEMS AND MATERIAL; INSIDE DIAMETER: 176MM; WIDTH: 6MM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
95	O RING SET: APPLICATION: SERVO MOTOR SEAL; QUANTITY: 13; MATERIAL: VITON; CONSISTING OF: 2 OFF 88.27MM ID X 5.33MM, 1 OFF 12.37MM ID X 2.62MM, 1 OFF 253.37MM ID X 6.99MM, 1 OFF 137MM ID X 6.99MM, 2 OFF 37.39MM ID X 3.53MM, 2 OFF 53.34MM ID X 5.33MM, 2 OFF 75.57MM ID X 5.33MM, 2 OFF 18.64MM ID X 3.53MM, BFPT GOVERNOR AND ESV SERVO MOTOR SEAL, TO BE SUPPLIED AS A KIT IN A SEALED PLASTIC CONTAINER CLEARLY MARKED WITH DESCRIPTION NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20		
96	O RING SET: TYPE: REPAIR; QUANTITY: 13; MATERIAL: VITON; CONSISTING OF 9 OFF 78,00MM ID X 6MM 4 OFF 325MM ID X 8MM FOR USE ON GENERATOR STATOR AND ROTOR SEAL; TO BE SUPPLIED IN A SEALED PLASTIC CONTAINER CLEARLY MARKED WITH DESCRIPTION, NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		

Item No.	Description	Unit	Quantity	Rate	Amount
97	O RING SET: TYPE: REPAIR; QUANTITY: 28; MATERIAL: VITON; CONSISTING OF; = 4 OFF 148.59MM ID X 6.99MM 4 OFF 129.54MM ID X 6.99MM 8 OFF 23.39MM ID X 3.53MM 12 OFF 6MM ID X 2.62MM FOR USE ON CONTROL OIL FILTER CHANGE-OVER DEVICE SEAL; TO BE SUPPLIED AS A KIT IN A SEALED PLASTIC CONTAINER CLEARLY MARKED WITH DESCRIPTION, NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20		
98	O RING: INSIDE DIAMETER: 15.54 MM; WIDTH: 2.62 MM; MATERIAL: VITON; REPAIR KIT; SET OF 4; FOR USE ON LP SPRAYWATER VALVE SEAL; TO BE SUPPLIED IN A SEALED PLASTIC CONTAINER CLEARLY MARKED WITH DESCRIPTION AND NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20		
99	O RING SET: TYPE: REPAIR; APPLICATION: RELAY; QUANTITY: 18; MATERIAL: VITON; CONSISTING OF THE FOLLOWING: 6 X 11.5MM ID X 3MM 6 X 34.5MM ID X 3.5MM 6 X 79MM ID X 5.3MM FOR USE ON EMERGENCY AIR RELAY, TO BE SUPPLIED IN A SEALED PLASTIC CONTAINER CLEARLY MARKED WITH DESCRIPTION AND NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
100	O RING SET: TYPE: REPAIR; APPLICATION: SERVO MOTOR PISTON; QUANTITY: 8; CONSISTING OF THE FOLLOWING: 4 X 156MM ID X 161MM OD X 3.8MM THK 4 X 155MM ID X 161MM OD X 15MM THK, FOR USE ON BFPT GOVERNOR ANS ESV SERVO MOTOR PISTON, TO BE SUPPLIED IN A PLASTIC CONTAINER CLEARLY MARKED WITH DESCRIPTION NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20		

Item No.	Description	Unit	Quantity	Rate	Amount
101	O RING SET: TYPE: REPAIR; APPLICATION: VALVE; QUANTITY: 4; MATERIAL: VITON; CONSISTING OF THE FOLLOWING: 2 X 18.72MM ID X 2.62MM; 2 X 13.94MM ID X 2.62MM, FOR USE ON MVG VALVE SEAL, TO BE SUPPLIED IN A SEALED PLASTIC CONTAINER AND CLEARLY MARKED WITH DESCRIPTION AND NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
102	O RING SET: TYPE: REPAIR; APPLICATION: VACUUM BREAKER; QUANTITY: 3; MATERIAL: VITON; CONSIST OF THE FOLLOWING: 1 X 194 MM ID X 6MM 1 X 196 MM ID X 7MM 1 X 240 MM ID X 7MM, FOR USE ON VACUUM BREAKER SEAL, TO BE SUPPLIED IN A SEALED PLASTIC CONTAINER AND CLEARLY MARKED WITH DESCRIPTION AND NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
103	O RING SET: TYPE: REPAIR; QUANTITY: 16; MATERIAL: VITON; CONSISTING OF; =8 OFF 253MM ID X 7MM; 4 OFF 93MM ID X 5.3MM; 4 OFF 79MM ID X 5.3MM FOR USE ON FOR USE ON MODERATING VALVE SERVO MOTOR SEAL; TO BE SUPPLIED IN A SEAL PLASTIC CONTAINER AND CLEARLY MARKED WITH DESCRIPTION; NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
104	O RING SET: TYPE: REPAIR; APPLICATION: VALVE SERVO MOTOR; QUANTITY: 44; MATERIAL: VITON; CONSISTING OF 4 OFF 101MM ID X 5.3MM, 8 OFF 101MM ID X 4MM, 4 OFF 367MM ID X 7.5MM, 4 OFF 158MM X 7MM, 4 OFF 58MM ID X 5.3MM, 4 OFF 413MM ID X 7MM, 4 OFF 50MM ID X 5.3MM, 8 OFF 456MM ID X 8MM, 4 OFF 128MM ID X 7MM DIA, FOR USE ON GOVERNOR VALVE SERVO MOTOR SEAL, TO BE SUPPLIED PACKED IN A SEALED BLACK PLASTIC BAG AND BE CLEARLY MARKED WITH DESCRIPTION, NUMBER OF PARTS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20		

Item No.	Description	Unit	Quantity	Rate	Amount
105	SEAL: TYPE: ACTUATOR; DIMENSIONS: ID 95 X OD 150 X THK 6 MM; MATERIAL: VITON; DUST, FOR USE ON HP HEATER NRV, 8 HOLES OF 5MM AT 110MM PCD	EA	20		
106	SEAL, RING: TYPE: HIGH PRESSURE; INSIDE DIAMETER: 98 MM; OUTSIDE DIAMETER: 118 MM; THICKNESS: 20 MM; MATERIAL: GRAPHITE SS REINFORCED; DRAWING NO: 26.41/36632 REV 1; FOR USE ON LIVE STEAM TO QUICK START EJECTORS, REGULATING VALVE, EACH CONSISTS OF TWO PARTS WITH 45DEG ANGLE FACE, FOR UNIT 4 - 6	EA	10		
107	SEAL, RING: TYPE: HIGH PRESSURE; INSIDE DIAMETER: 120 MM; OUTSIDE DIAMETER: 140 MM; THICKNESS: 16 MM; MATERIAL: GRAPHITE SS REINFORCED; DRAWING NO: 26.41/36632 POS 57, 58, 66 REV 1; FOR USE ON: (A) GLAND STEAM SUPPLY FROM MAIN STEAM MANIFOLD MOTORIZED ISOLATING VALVE, (B) LIVE STEAM FROM MAIN MANIFOLD TO AIR EJECTORS MOTORIZED ISOLATING VALVE, (C) QUICK START EJECTORS MAIN ISOLATING VALVE, FOR UNIT 4 - 6, EACH CONSISTS OF TWO PARTS WITH 45DEG ANGLE FACE	EA	10		
108	SEAL, RING: TYPE: PRESSURE; INSIDE DIAMETER: 155 MM; OUTSIDE DIAMETER: 180 MM; THICKNESS: 19 MM; MATERIAL: GRAPHITE SS REINFORCED; DRAWING NO: 26.41/36632 REV 1; HIGH, FOR USE ON BLED STEAM FROM MAIN MANIFOLD TO DEAERATOR SPRAY MOTORIZED VALVE, EACH CONSISTS OF TWO PARTS WITH 45DEG ANGLED FACE, ALSO USED ON LIVE STEAM TO DEAERATOR CONTROL ISOLATING VALVE, FOR UNIT 4 - 6	EA	10		
109	SEAL, RING: TYPE: HIGH PRESSURE; INSIDE DIAMETER: 205 MM; OUTSIDE DIAMETER: 240 MM; THICKNESS: 20 MM; MATERIAL: GRAPHITE SS REINFORCED; DRAWING NO: 26.41/36632 REV 1; FOR USE ON E.F.P. REGULATING VALVES, EACH CONSISTS OF TWO PARTS WITH 45DEG ANGLE FACE, FOR UNITS 4 - 6	EA	30		

Item No.	Description	Unit	Quantity	Rate	Amount
110	SEAL, RING: TYPE: HIGH PRESSURE; INSIDE DIAMETER: 205 MM; OUTSIDE DIAMETER: 236 MM; THICKNESS: 21 MM; MATERIAL: GRAPHITE SS REINFORCED; DRAWING NO: 26.41/36632 REV 1; FOR USE ON LIVE STEAM TO MAIN MANIFOLD ISOLATING VALVE, EACH CONSISTS OF TWO PARTS WITH 45DEG ANGLE FACE	EA	10		
111	SEAL, RING: TYPE: HIGH PRESSURE; INSIDE DIAMETER: 260 MM; OUTSIDE DIAMETER: 300 MM; THICKNESS: 31 MM; MATERIAL: GRAPHITE SS REINFORCED; DRAWING NO: 26.41/36632 REV 1; FOR USE ON LIVE TO DEAERATOR ISOLATING VALVE, EACH CONSISTS OF TWO PARTS WITH 45DEG ANGLED FACE, FOR UNIT 4 - 6	EA	10		
112	SEAL, RING: TYPE: HIGH PRESSURE; INSIDE DIAMETER: 315 MM; OUTSIDE DIAMETER: 355 MM; THICKNESS: 30 MM; MATERIAL: GRAPHITE SS REINFORCED; DRAWING NO: 26.41/36632 REV 1; FOR USE ON E.F.P DISCHARGE ISOLATING VALVES, EACH CONSISTS OF TWO PARTS WITH 45DEG ANGLED FACE, FOR UNIT 4 - 6	EA	20		
113	SEAL: TYPE: PRESSURE SEAL; DIMENSIONS: ID 100 X OD 115 X THK 12.5 MM; MATERIAL: GRAPHITE; APPLICATION: VALVE; SUPPL P/N: C9362-616; FOR UNIT 1 - 6 SUPERHEAT FINAL AIR RELEASE (RAINMAKERS)	EA	20		
114	O RING SET: TYPE: REPAIR; APPLICATION: OIL FILTER DEVICE; QUANTITY: 28; MATERIAL: VITON; FOR BFPT OIL FILTER CHANGE OVER DEVICE CONSIST OF THE FOLLOWING IN ACCORDANCE WITH ISO 3601-1:2012; 4 OFF VITON O-RINGS OF SIZE: 100.97 MM ID X 5.33 MM CROSS SECTIONAL DIAMETER (O-RING- ISO3601-1-345-100.97 X 5.33-S); 4 OFF: VITON O-RINGS OF SIZE: 88.72 MM ID X 5.33 MM CROSS-SECTIONAL DIAMETER (O-RING-ISO3601-1-341-88.72 X 5.33-S); 8 OFF: VITON O-RINGS OF SIZE: 17.04 MM ID X 3.53 MM CROSS-SECTIONAL DIAMETER (O-RING-ISO3601-1-209-17.04 X 3.53-S); 12 OFF: VITON O-RINGS OF SIZE: 5.28 MM ID X 1.78 MM CROSS-SECTIONAL DIAMETER (O-RING-ISO3601-1-009-5.28 X 1.78-S); VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		

Item No.	Description	Unit	Quantity	Rate	Amount
115	O RING, CORD: MATERIAL: VITON; THICKNESS: 10 MM; TO BE SUPPLIED SEALED IN A PLASTIC BAG WITH MATERIAL CERTIFICATE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	50		
116	SEAL: DIMENSIONS: DIA 8 MM; MATERIAL: VITON; APPLICATION: T PIECE; REFERENCE NO: G75-017; MOULDED, TO BE SUPPLIED IN A SEALED PLASTIC BAG WITH MATERIAL CERTIFICATE	EA	10		
117	SEAL, OIL: INSIDE DIAMETER: 35 MM; OUTSIDE DIAMETER: 52 MM; WIDTH: 7 MM; MATERIAL: RUBBER SYNTHETIC; SPRING LOADED: YES; SUPPL P/N: SM35527; DPSM35527	EA	50		
118	SEAL, OIL: INSIDE DIAMETER: 44.5 MM; OUTSIDE DIAMETER: 63.5 MM; WIDTH: 9.5 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; SUPPL P/N: MIS112; WITH SPRING MOULDED-IN REINFORCEMENT	EA	100		
119	O RING: INSIDE DIAMETER: 183.52 MM; WIDTH: 6.99 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-442; SUPPL P/N: 25122-774; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
120	O RING: INSIDE DIAMETER: 210 MM; WIDTH: 5.33 MM; MATERIAL: NBR; INDUSTRY STANDARD: 2-337; 3-1/2 INCH OD; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
121	SEAL, RING: INSIDE DIAMETER: 12.4 MM; OUTSIDE DIAMETER: 25.4 MM; THICKNESS: 7 MM; MATERIAL: PTFE; APPLICATION: TURBINE; TEFLON	EA	40		
122	SEAL, RING: TYPE: VALVE; INSIDE DIAMETER: 124 MM; OUTSIDE DIAMETER: 150 MM; THICKNESS: 25 MM; MATERIAL: GRAPHITE SS REINFORCED; SUPPL P/N: P0S519; DRAWING NO: ESKOM ARNOT 26.41/36632 REV 1; HIGH PRESSURE, CONSISTS OF TWO PARTS WITH A 45DEG ANGLED FACE WITH OVERHAUL DIMENSIONS AS	EA	10		

Item No.	Description	Unit	Quantity	Rate	Amount
123	SEAL, RING: TYPE: RING; INSIDE DIAMETER: 315 MM; OUTSIDE DIAMETER: 370 MM; THICKNESS: 2 MM; MATERIAL: VITON; APPLICATION: MILL; DRAWING NO: 1.1518.01.0400 REV 1; IN ACCORDANCE WITH DRAWING FOR MILLS ON FLOW IN LEVEL 1 PLANT SPARE; HEIGHT: 70 MM	EA	50		
124	SEAL, OIL: INSIDE DIAMETER: 15 MM; OUTSIDE DIAMETER: 40 MM; WIDTH: 12 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; REFERENCE NO: 40240/4	EA	10		
125	SEAL: DIMENSIONS: ID 324 X OD 344 X THK 10 MM; MATERIAL: RUBBER; TYPE COUPLING, FOR JOHNSON COUPLING, TRIANGULAR SHAPE	EA	10		
126	SEAL, RING: INSIDE DIAMETER: ID 80 MM X OD 1 M X THK 12 MM; MATERIAL: LEATHER; APPLICATION: CAP; DRAWING NO: 962A REV 1	EA	10		
127	O RING: INSIDE DIAMETER: 21.89 MM; WIDTH: 2.62 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-118; FOR DECLUTCH SHAFT ON PRE-HEATERS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
128	O RING SET: APPLICATION: KENT POWER CYL; MATERIAL: RUBBER; REFERENCE NO: NPH52; 0-10, MA, DC; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
129	SEAL, RING: TYPE: BRAIDED; INSIDE DIAMETER: 28 MM; OUTSIDE DIAMETER: 45 MM; THICKNESS: 6 MM; MATERIAL: RAMIE FIBER; SUPPL P/N: HPC16; SHAPE SPLIT; 5 GLAND PACKINGS	EA	10		
130	SEAL, RING: INSIDE DIAMETER: 40 MM; OUTSIDE DIAMETER: 56 MM; THICKNESS: 8 MM; MATERIAL: PTFE	EA	10		
131	O RING: INSIDE DIAMETER: 202.57 MM; WIDTH: 6.99 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-445; REFERENCE NO: 1H8624-0699; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		

Item No.	Description	Unit	Quantity	Rate	Amount
132	SEAL, RING: INSIDE DIAMETER: 4 MM; OUTSIDE DIAMETER: 8 MM; THICKNESS: 2 MM; MATERIAL: STL RUBBER LINED; REFERENCE NO: IH2664-2899	EA	10		
133	O RING: INSIDE DIAMETER: 10 MM; WIDTH: 2.62 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-111; REFERENCE NO: ID 6875-0699; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
134	SEAL, OIL: INSIDE DIAMETER: 75 MM; OUTSIDE DIAMETER: 100 MM; WIDTH: 23 MM; MATERIAL: RUBBER; SEALING MEMBER: DOUBLE LIP	EA	10		
135	O RING: INSIDE DIAMETER: 140 MM; WIDTH: 3 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-161; MP MODEL 4; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
136	SEAL: TYPE: GLAND; DIMENSIONS: DIA 250 X WD 150 X THK 14 MM; MATERIAL: NEOPRENE; SUPPL P/N: 416-068; DRAWING NO: SS1090 REV 1; FOR SPARGO TWO ROLL ASH CRUSHER 500DIA X 600LH; ARNOT SOLE SOURCE APPROVED: WEIR MINERALS VENDOR NO: 11007742 AND WILL EXPIRE ON: 2019/02/20	EA	30		
137	SEAL, RING: INSIDE DIAMETER: 355 MM; OUTSIDE DIAMETER: 450 MM; THICKNESS: 25 MM; MATERIAL: RUBBER; SPARGO BIN NO 327-041, FOR SPARGO ASH PUMP 12/50 FRAME	EA	10		
138	O RING: INSIDE DIAMETER: 203 MM; WIDTH: 4 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-265; FOR BOSLOOP PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
139	O RING: INSIDE DIAMETER: 1-1/2 IN; WIDTH: 1/8 IN; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-222; PUMP P 8051; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		

Item No.	Description	Unit	Quantity	Rate	Amount
140	SEAL, RING: TYPE: INSULATING; INSIDE DIAMETER: 175 MM; OUTSIDE DIAMETER: 220 MM; THICKNESS: 32 MM; MATERIAL: STAINLESS STEEL; BRASS; ITEM 93; RENK GEARBOX; TYPE TA565; LARGE RING PACKING	EA	10		
141	O RING: INSIDE DIAMETER: 187 MM; WIDTH: 4 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-262; FOR USE WITH SULZER CHEMICAL METERING PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
142	SEAL, OIL: INSIDE DIAMETER: 35 MM; OUTSIDE DIAMETER: 52 MM; WIDTH: 12 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; 206114 COMP TYPE CSA3	EA	10		
143	O RING: INSIDE DIAMETER: 107.32 MM; WIDTH: 5.33 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-347; REFERENCE NO: A10347-2; FOR VM D500 COMPRESSOR; FOR BROOM AND WADE COMPRESSOR; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
144	SEAL, OIL: INSIDE DIAMETER: 116 MM; OUTSIDE DIAMETER: 153 MM; WIDTH: 20 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; SUPPL P/N: A6450-76; COMPRESSOR	EA	10		
145	O RING: INSIDE DIAMETER: 1-1/8 IN; WIDTH: 1/16 IN; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-124; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
146	O RING: SUPPL P/N: 1J96656/3503/2; 1D134606992; FOR USE WITH FISHER NOZZLE; ABOVE PARTS USED IN A FISHER POSITIONER TYPE V/P; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		

Item No.	Description	Unit	Quantity	Rate	Amount
147	SEAL, OIL: INSIDE DIAMETER: 10 MM; OUTSIDE DIAMETER: 35 MM; WIDTH: 7 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; FIRED SPACE HEAT	EA	10		
148	SEAL, MECHANICAL: SHAFT DIAMETER: 35 MM; APPLICATION: PUMP; T521/ARICI/N, ELASTOMER - BELLOW TYPE, ROTATING FACE RESIN IMPREGNATED CARBON, STATIONARY SEAT, ALUMINIUM OXIDE CERAMIC, ALL THE METAL PARTS STAINLESS STEEL, ELASTOMER (VITON) SFPT BEARING OIL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
149	SEAL, MECHANICAL: SHAFT DIAMETER: 45 MM; BODY MATERIAL: STAINLESS STEEL; APPLICATION: PUMP; REFERENCE NO: R5500M2R; T502/GRICI/BO, ELASTOMER - BELLOW TYPE, ROTATING FACE, RESIN IMPREGNATED CARBON, STATIONARY SEAT, ALUMINIUM OXIDE CERAMIC, ELASTOMER (VITON) DEMIN PUMPS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
150	SEAL, MECHANICAL: TYPE: SHAFT; SHAFT DIAMETER: 3/4 IN; BODY MATERIAL: STAINLESS STEEL; CRANE 2N9287; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
151	FACE, MECHANICAL SEAL: TYPE: ROTATING; DIMENSIONS: ID 46 X OD 60 X THK 10 MM; MATERIAL: CARBON; REFERENCE NO: 0444-003-171APE; FOR USE ON APE OIL PUMP TYPE "K" SIZE 6 INCH; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		

Item No.	Description	Unit	Quantity	Rate	Amount
152	SEAL, MECHANICAL: TYPE: ELASTOMER BELLOW; SHAFT DIAMETER: 5/8 IN; BODY MATERIAL: STAINLESS STEEL; T21/ARICI/N, ROTATING FACE, RESIN IMPREGNATED CARBON, STATIONARY SEAT, ALUMINIUM OXIDE CERAMIC; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
153	O RING: INSIDE DIAMETER: 189.87 MM; WIDTH: 6.99 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-443; REFERENCE NO: 13-85; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
154	O RING: INSIDE DIAMETER: 148.82 MM; WIDTH: 3.53 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-257; REFERENCE NO: 52-23; FOR HOUSING; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
155	O RING: INSIDE DIAMETER: 216 MM; WIDTH: 4 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-227; SC NO. 600; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
156	O RING: INSIDE DIAMETER: 129.54 MM; WIDTH: 6.99 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-430; SUPPL P/N: A10347-4; FOR LP SUCTION AND DELIVERY VALVES; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
157	SEAL, OIL: INSIDE DIAMETER: 30 MM; OUTSIDE DIAMETER: 52 MM; WIDTH: 10 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; R4 WEST	EA	10		
158	SEAL, RING: INSIDE DIAMETER: 1.73 MM; OUTSIDE DIAMETER: 1.828 M; THICKNESS: 72 MM; MATERIAL: NITRILE; BOVING BUTTERFLY BLADE, FOR VALVE SIZE 1828MM, ROTORK 72, 72 HOLES, PCD 1730	EA	10		

Item No.	Description	Unit	Quantity	Rate	Amount
159	SEAL, OIL: INSIDE DIAMETER: 13 MM; OUTSIDE DIAMETER: 19 MM; WIDTH: 3 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP	EA	10		
160	SEAL: TYPE: PRE-HEATER; MATERIAL: CARBON; REFERENCE NO: 51D39487; INCLUDING GARTER SPRING	EA	10		
161	O RING: INSIDE DIAMETER: 1 IN; WIDTH: 1/16 IN; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-022; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	40		
162	SEAL, OIL: TYPE: SEAL; INSIDE DIAMETER: 30 MM; OUTSIDE DIAMETER: 52 MM; WIDTH: 10 MM; MATERIAL: RUBBER; SEALING MEMBER: DOUBLE LIP; SPRING LOADED: YES; SUPPL P/N: 1250-2000; DRAWING NO: 015232 REV 1; PRIMARY, FOR SOOTBLOWER LANCES ON BOILERS 1-3	EA	10		
163	SEAL, OIL: TYPE: SEAL; INSIDE DIAMETER: 42 MM; OUTSIDE DIAMETER: 58 MM; WIDTH: 10 MM; MATERIAL: RUBBER; SEALING MEMBER: DOUBLE LIP; SPRING LOADED: YES; SUPPL P/N: DL1750-2250; DRAWING NO: 015232 REV 1; FOR SOOTBLOWERS ON BOILERS 1-3	EA	10		
164	SEAL, OIL: TYPE: SEAL; INSIDE DIAMETER: 18 MM; OUTSIDE DIAMETER: 38 MM; WIDTH: 8 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; SUPPL P/N: W15007531R4; DRAWING NO: 015122 REV 1; FOR GUN TYPE SOOTBLOWERS	EA	10		
165	O RING: INSIDE DIAMETER: 24.5 MM; WIDTH: 2.7 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-213; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
166	O RING: INSIDE DIAMETER: 14 MM; WIDTH: 2 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-015; OD 12.8MM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		

Item No.	Description	Unit	Quantity	Rate	Amount
167	SEAL, RING: TYPE: HIGH PRESSURE; INSIDE DIAMETER: 243 MM; OUTSIDE DIAMETER: 277.6 MM; THICKNESS: 30 MM; MATERIAL: GRAPHITE SS REINFORCED; DRAWING NO: ESKOM ARNOT 26.41/36632 REV 1; FOR USE ON INTERNAL VALVE SET 4-6 TURBINE, CONSISTS OF TWO PARTS WITH A 45DEG ANGLED FACE WITH OVERHAUL DIMENSIONS AS ABOVE, FOR UNIT 1 - 3	EA	10		
168	O RING: INSIDE DIAMETER: 126.37 MM; WIDTH: 6.99 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-429; SMALL, 429BU, PUMPS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
169	O RING: INSIDE DIAMETER: 144 MM; WIDTH: 5 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-236; PUMP SPARE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
170	O RING: INSIDE DIAMETER: 169 MM; WIDTH: 5 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-363; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
171	O RING: INSIDE DIAMETER: 184.3 MM; WIDTH: 5.7 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-365; APPLICATION: PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
172	SEAL: TYPE: PRESSURE; DIMENSIONS: ID 203 X OD 241 X THK 30 MM; MATERIAL: GRAPHITE SS REINFORCED; DRAWING NO: ESKOM 26.41/36632 REV 1; FOR USE ON ELECTRIC FEED PUMP REGULATING VALVE, CONSISTS OF TWO PARTS WITH A 45DEG ANGLED FACE WITH OVERHAUL DIMENSIONS AS ABOVE, FOR UNIT 1 - 3	EA	10		

Item No.	Description	Unit	Quantity	Rate	Amount
173	SEAL: DIMENSIONS: ID 350 X OD 415 X THK 50 MM; MATERIAL: 17CRMOV5-11; APPLICATION: TURBINE; DRAWING NO: 13.41/805 REV 1; REFERENCE NO: BONB136940 ITEM 24; ESV STEAM SIDE TAPER, MATERIAL CERTIFICATES SHOULD BE DELIVERED UPON ARRIVAL AND ROTEK TO PERFORM THE DIMENSIONAL CHECK	EA	10		
174	SEAL, MECHANICAL: SHAFT DIAMETER: 63.5 MM; BODY MATERIAL: STAINLESS STEEL; APPLICATION: PUMP; SUPPL P/N: J8-1/AR1X1/OR; CARTRIDGE ROTATING UNIT IS MULTIPLE SPRINGS WITH CARBON FACE, STATIONERY FACE IS CERAMIC, TO BE USED WITH EPR O - RINGS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
175	O RING SET: APPLICATION: PUMP; REFERENCE NO: 412.8; 150 MM X 4 MM KSB 100 PCT BF PMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
176	O RING SET: APPLICATION: PUMP; QUANTITY: 2; MATERIAL: RUBBER; KSB 100PCT, SIZE 240 MM ID X 5 MM CORD DIAMETER, MATL E.P. 80 OR HE 4180; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
177	SEAL, RING: TYPE: ACTUATOR; INSIDE DIAMETER: 237 MM; OUTSIDE DIAMETER: 325 MM; THICKNESS: 25 MM; MATERIAL: RUBBER; REFERENCE NO: 00-15-02300	EA	10		
178	SEAL, RING: TYPE: ACTUATOR; INSIDE DIAMETER: 18 MM; OUTSIDE DIAMETER: 90 MM; THICKNESS: 20 MM; MATERIAL: RUBBER; SUPPL P/N: 00-15-024000	EA	10		
179	SEAL, OIL: INSIDE DIAMETER: 18 MM; OUTSIDE DIAMETER: 40 MM; WIDTH: 11 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; SUPPL P/N: SMIM184010; 10 SE 70	EA	10		
180	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 1.588 MM; SIZE: 2.5M LG, DIA 1/16 IN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		

Item No.	Description	Unit	Quantity	Rate	Amount
181	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 16 MM; SIZE: 5M LG, 5/8 IN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
182	SEAL, OIL: INSIDE DIAMETER: 42 MM; OUTSIDE DIAMETER: 70 MM; WIDTH: 14 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; SUPPL P/N: WR126; REFERENCE NO: WR126	EA	10		
183	SEAL, OIL: INSIDE DIAMETER: 6.25 MM; OUTSIDE DIAMETER: 7.25 MM; WIDTH: 0.5 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SUPPL P/N: MIS64	EA	10		
184	SEAL, OIL: INSIDE DIAMETER: 44.45 MM; OUTSIDE DIAMETER: 61.7 MM; WIDTH: 9.39 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES	EA	10		
185	SEAL, OIL: INSIDE DIAMETER: 100 MM; OUTSIDE DIAMETER: 130 MM; WIDTH: 13 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; SUPPL P/N: SB1001-3013	EA	10		
186	SEAL, OIL: REFERENCE NO: W43333451R4; R485 X 110 X 13 BB	EA	10		
187	SEAL, OIL: INSIDE DIAMETER: 63.5 MM; OUTSIDE DIAMETER: 82.6 MM; WIDTH: 9.8 MM; MATERIAL: RUBBER; SEALING MEMBER: DOUBLE LIP; SPRING LOADED: YES	EA	10		
188	SEAL, RING: TYPE: GAUGE SIGHT GLASS; INSIDE DIAMETER: 19 MM; OUTSIDE DIAMETER: 27 MM; THICKNESS: 15 MM; MATERIAL: VITON; SMOOTH FINISH, OVERALL LENGTH: 15MM, TO BE DELIVERED WITH THE FOLLOWING INFO - SHELF LIFE AND STORAGE METHOD	EA	10		
189	SEAL, OIL: INSIDE DIAMETER: 18 MM; OUTSIDE DIAMETER: 32 MM; WIDTH: 7 MM; MATERIAL: VITON; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; REFERENCE NO: WR620	EA	10		

Item No.	Description	Unit	Quantity	Rate	Amount
190	O RING, CORD: MATERIAL: VITON; THICKNESS: 6 MM; REFERENCE NO: HMG010271-1; REQUIRED WITH DELIVERY DATE OF MANUFACTURE, SHELF LIFE AND STORAGE METHOD; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
191	SEAL, MECHANICAL: SHAFT DIAMETER: 40 MM; BODY MATERIAL: STAINLESS STEEL; APPLICATION: PUMP; REFERENCE NO: MG9; JOHN CRANE TYPE T502/GR1C1/BO WITH COLLAR, TO DIN 24250, ITEM MUST BE ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
192	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 3.5 MM; BLACK, 1M LONG CONTINUOUS LENGTH; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	200		
193	SEAL, RING: INSIDE DIAMETER: 65 MM; OUTSIDE DIAMETER: 80 MM; THICKNESS: 8 MM; MATERIAL: RUBBER; APPLICATION: B.F.P.T OIL PURIFIER; SUPPL P/N: 67677-00; REFERENCE NO: 67677; MAB104B	EA	10		
194	SEAL: TYPE: METAL; DIMENSIONS: ID 2 X OD 6 X THK 12 MM; MATERIAL: LEAD; FOR SEALING OF EG FIRE EXTINGUISHERS AND MEDICAL AID BOXES	EA	10		
195	O RING: INSIDE DIAMETER: 240.67 MM; WIDTH: 5.33 MM; MATERIAL: NBR 70; INDUSTRY STANDARD: ISO 3601; COLOR: BLACK; APPLICATION: PUMP; SUPPL P/N: 412-02/04; 021-703-024-001; MODEL NO: HPTPOM28-5S; ITEMS TO BE INDIVIDUALLY PACKED IN A BLACK SEALED POLYURETHANE BAG AND KITS AS A SET. FOR SHELF LIFE CONTROL, EACH BAG TO BE CLEARLY MARKED WITH CONTENTS, QUANTITY, BATCH NUMBER AND CURE DATE.	EA	10		

Item No.	Description	Unit	Quantity	Rate	Amount
196	O RING: INSIDE DIAMETER: 151.99 MM; WIDTH: 3.53 MM; MATERIAL: NBR 70; INDUSTRY STANDARD: ISO 3601; COLOR: BLACK; APPLICATION: PUMP; SUPPL P/N: 412.03; 021-702-015-009; MODEL NO: HPTPOM28-5S; ITEMS TO BE INDIVIDUALLY PACKED IN A BLACK SEALED POLYURETHANE BAG AND KITS AS A SET. FOR SHELF LIFE CONROL,EACH BAG TO BE CLEARLY MARKED WITH CONTENTS, QUANTITY, BATCH NUMBER AND CURE DATE. FOR USE ON SULZER PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
197	O RING: INSIDE DIAMETER: 171.04 MM; WIDTH: 3.53 MM; MATERIAL: NBR 70; INDUSTRY STANDARD: ISO 3601; COLOR: BLACK; APPLICATION: PUMP; SUPPL P/N: 412-06; 021-702-017-009; MODEL NO: HPTPOM28-5S; ITEMS TO BE INDIVIDUALLY PACKED IN A BLACK SEALED POLYURETHANE BAG AND KITS AS A SET. FOR SHELF LIFE CONROL,EACH BAG TO BE CLEARLY MARKED WITH CONTENTS, QUANTITY, BATCH NUMBER AND CURE DATE. FOR USE ON SULZER PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
198	O RING: INSIDE DIAMETER: 218 MM; WIDTH: 5.33 MM; MATERIAL: NBR 70; INDUSTRY STANDARD: ISO 3601; COLOR: BLACK; APPLICATION: PUMP; SUPPL P/N: 021-703-021-809; 412-07; MODEL NO: HPTPOM28-5S; ITEMS TO BE INDIVIDUALLY PACKED IN A BLACK SEALED POLYURETHANE BAG AND KITS AS A SET. FOR SHELF LIFE CONROL,EACH BAG TO BE CLEARLY MARKED WITH CONTENTS, QUANTITY, BATCH NUMBER AND CURE DATE. FOR USE ON SULZER PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
199	O RING: INSIDE DIAMETER: 189.9 MM; WIDTH: 6.99 MM; MATERIAL: NBR 70; INDUSTRY STANDARD: ISO 3601; COLOR: BLACK; APPLICATION: PUMP; SUPPL P/N: 412-12; 021-501-018-909; MODEL NO: HPTPOM28-5S; ITEMS TO BE INDIVIDUALLY PACKED IN A BLACK SEALED POLYURETHANE BAG AND KITS AS A SET. FOR SHELF LIFE CONROL,EACH BAG TO BE CLEARLY MARKED WITH CONTENTS, QUANTITY,	EA	10		

Item No.	Description	Unit	Quantity	Rate	Amount
	BATCH NUMBER AND CURE DATE. FOR USE ON SULZER PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).				
200	O RING: INSIDE DIAMETER: 1.045 M; WIDTH: 7 MM; MATERIAL: NBR 70; INDUSTRY STANDARD: ISO 3601; COLOR: BLACK; APPLICATION: PUMP; ITEMS TO BE INDIVIDUALLY PACKED IN A BLACK SEALED POLYURETHANE BAG AND KITS AS A SET. FOR SHELF LIFE CONROL,EACH BAG TO BE CLEARLY MARKED WITH CONTENTS, QUANTITY, BATCH NUMBER AND CURE DATE. FOR USE ON SULZER PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
201	O RING: INSIDE DIAMETER: 109 MM; WIDTH: 5.3 MM; MATERIAL: NBR 70; INDUSTRY STANDARD: ISO 3601; COLOR: BLACK; APPLICATION: PUMP; ITEMS TO BE INDIVIDUALLY PACKED IN A BLACK SEALED POLYURETHANE BAG AND KITS AS A SET. FOR SHELF LIFE CONROL,EACH BAG TO BE CLEARLY MARKED WITH CONTENTS, QUANTITY, BATCH NUMBER AND CURE DATE. FOR USE ON SULZER PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
202	O RING: INSIDE DIAMETER: 170 MM; WIDTH: 5.3 MM; MATERIAL: NBR 70; INDUSTRY STANDARD: ISO 3601; COLOR: BLACK; APPLICATION: PUMP; SUPPL P/N: 021-703-017-001; 412-10; MODEL NO: BDC300-425; ITEMS TO BE INDIVIDUALLY PACKED IN A BLACK SEALED POLYURETHANE BAG AND KITS AS A SET. FOR SHELF LIFE CONROL,EACH BAG TO BE CLEARLY MARKED WITH CONTENTS, QUANTITY, BATCH NUMBER AND CURE DATE. FOR USE ON SULZER PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10		
203	SAFETY FILE (FIXED)	SUM	1		
204	SAFETY FILE (TIME RELATED)	ANNUAL	4		



PART 3: SCOPE OF WORK

Document reference	Title	No of pages
	This cover page	1
C3.1	<i>Purchaser's Goods Information</i>	29
C3.2	<i>Supplier's Goods Information</i>	1
	Total number of pages	31

C3.1: *PURCHASER'S* GOODS INFORMATION

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

Supply and delivery OF SEALS AND O_RINGS AS and when required AT ARNOT POWER STATION FOR A PERIOD OF FIVE (5) YEARS

The goods must be delivered as per the Purchase Order.

Eskom Holdings SOC Limited - Arnot Power Station will only accept deliveries as stipulated in the purchase order during office hours not later than 16:00 from Monday to Thursday and not later than 12:00 on Fridays. No wrong deliveries will be accepted and must be collected by the supplier. Quality and quantity will be assessed on each delivery. The supplier will deliver the agreed quantity i.e., nothing less or more.

Non-deliveries will be a breach of contract conditions and will result in issuing Non-Conformance Report and terminating contract with immediate effect.

2 Specification and description of the goods

Item	Material	LONG DESCRIPTION	UMC	QTY
1	0001315	SEAL, OIL: INSIDE DIAMETER: 40 MM; OUTSIDE DIAMETER: 60 MM; WIDTH: 10 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; SUPPL P/N: BA40-60-10	EA	100
2	0018590	SEAL, RING: INSIDE DIAMETER: 70 MM; OUTSIDE DIAMETER: 90 MM; THICKNESS: 12 MM; MATERIAL: STL; DRAWING NO: BOR157146 ITEM 6 REV 1; BOR157146 REV 1; FOR STEAM FEED PUMP TURBINE BLED STEAM GOVERNOR VALVE	EA	50
3	0022124	O RING: INSIDE DIAMETER: 139.07 MM; WIDTH: 6.99 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-433; DRAWING NO: 138712 ITEM 54 REV 1; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
4	0022125	O RING: INSIDE DIAMETER: 139.07 MM; WIDTH: 6.99 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-433; DRAWING NO: 138712 ITEM 54 REV 1; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
5	0022129	O RING: INSIDE DIAMETER: 253.37 MM; WIDTH: 5.33 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-377; DRAWING NO: B3R154321 ITEM 59 REV 1; FOR USE WITH TYPE AR 250; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20
6	0022146	SEAL, RING: INSIDE DIAMETER: 248 MM; OUTSIDE DIAMETER: 262 MM; THICKNESS: 6 MM; MATERIAL: CS; DRAWING NO: 151739 REV 1; 151739 ITEM15 REV 1	EA	10
7	0022213	SEAL, RING: TYPE: TAPER; INSIDE DIAMETER: 240 MM; OUTSIDE DIAMETER: 280 MM; THICKNESS: 30 MM; MATERIAL: STL; DRAWING NO: CEM BONB 136939 REV 1; GOVERNOR VALVE STEAM SIDE	EA	10
8	0022224	SEAL, RING: TYPE: NUT; INSIDE DIAMETER: 34 MM; OUTSIDE DIAMETER: 48 MM; THICKNESS: 21 MM; MATERIAL: PTFE; DRAWING NO: 152123 REV 1	EA	10
9	0022275	SEAL, RING: TYPE: BONNET; INSIDE DIAMETER: 367 MM; OUTSIDE DIAMETER: 400 MM; THICKNESS: 12 MM; MATERIAL: STL; REFERENCE NO: CM; LARGE EMP CONTR	EA	10
10	0022311	SEAL, RING: INSIDE DIAMETER: 275 MM; OUTSIDE DIAMETER: 300 MM; THICKNESS: 9 MM; MATERIAL: GRAPHITE; SUPPL P/N: 1105134000; REFERENCE NO: 5.07.320.250.11.35.36.37; TO TA 500, SK 06-588-2	EA	10
11	0034954	SEAL, LABYRINTH: TYPE: RING; DIMENSIONS: ID 116 X OD 190 MM; MATERIAL: STL; APPLICATION: PLUMMER BLOCK; MANUF P/N: TSN-224; TSV-224; SUPPL P/N: 416-98; ITEM 51, FOR 500 DIA X 600 LH TWO ROLL ASH CRUSHER; CAMDEN TO ACCEPT	EA	20

Item	Material	LONG DESCRIPTION	UMC	QTY
		FAG AND/OR SKF BRANDS ONLY		
12	0036608	SEAL, RING: TYPE: RING; INSIDE DIAMETER: 653.5 MM; OUTSIDE DIAMETER: 739 MM; THICKNESS: 60 MM; MATERIAL: EN9 BS 970 GR 070M55; DRAWING NO: 26.41/56804 REV 1; REFERENCE NO: P6 -100	EA	30
13	0036621	SEAL: TYPE: PIPE INSULATION; DIMENSIONS: ID 510 X OD 530 X THK 35 MM; MATERIAL: RUBBER; COUPLING SEAL, SIZE 381MM OD PIPE, VIKING JOHNSON COUPLING	EA	10
14	0036622	SEAL, RING: TYPE: PIPE INSULATION; INSIDE DIAMETER: 597 MM; OUTSIDE DIAMETER: 617 MM; THICKNESS: 30 MM; MATERIAL: RUBBER; SIZE 597.4MM, FOR JOHNSON COUPLING	EA	10
15	0036658	SEAL: TYPE: RING; DIMENSIONS: WD 148 X THK 7 MM; MATERIAL: FIBER WIRE TEFLON LINED; APPLICATION: COMPENSATOR; DRAWING NO: 0.1518.09.0300 REV 0; SPECIALLY TREATED TO WITHSTAND A TEMPERATURE OF: 230DEG C AND 600PS WITH 6MM METAL WIRE; GLASS FABRIC	EA	80
16	0040486	SEAL: TYPE: RING SEGMENT; DIMENSIONS: ID 87 X OD 145 X THK 16 MM; MATERIAL: CARBON; REFERENCE NO: CY2; 3 SEGMENTS PER SET	EA	10
17	0043410	SEAL, RING: INSIDE DIAMETER: 465 MM; OUTSIDE DIAMETER: 490 MM; THICKNESS: 16 MM; MATERIAL: STL; IP STM ADM P FLANGE	EA	10
18	0047371	SEAL, RING: TYPE: SHAFT; INSIDE DIAMETER: 110 MM; OUTSIDE DIAMETER: 132 MM; MATERIAL: BRASS; SUPPL P/N: 420; DRAWING NO: 510-72-123-01 REV 1; MODEL NO: CHTA80; KSB	EA	10
19	0052769	SEAL, RING: TYPE: HUB; INSIDE DIAMETER: 1.401 MM; OUTSIDE DIAMETER: 1.52 MM; THICKNESS: 3 MM; MATERIAL: STL; SUPPL P/N: 184-1; DRAWING NO: W78344 REV 1; TOP AND BOTTOM 14 SWG	EA	10
20	0052770	SEAL, RING: TYPE: HOLDING HUB; INSIDE DIAMETER: 1.45 M; OUTSIDE DIAMETER: 1.535 M; THICKNESS: 5 MM; MATERIAL: STL; SUPPL P/N: 184-2; DRAWING NO: W/78345 REV 1; FOR AIR PREHEATER	EA	10
21	0060227	COVER: TYPE: DUST; DIMENSIONS: DIA 190 X LG 180 MM; MATERIAL: RUBBER; SUPPL P/N: 1518-57; NP 45/2, FOR THE USE ON POWER CYLINDERS	EA	400
22	0060271	SEAL, RING: TYPE: COUPLING; INSIDE DIAMETER: 345 MM; OUTSIDE DIAMETER: 355 MM; THICKNESS: 10 MM; MATERIAL: RUBBER; SUPPL P/N: 16398; JL EXTRUSION ROLL 300M LG	EA	2 500
23	0060319	SEAL, RING: TYPE: COUPLING; INSIDE DIAMETER: 85 MM; OUTSIDE DIAMETER: 115 MM; THICKNESS: 10 MM; MATERIAL: RUBBER	EA	10
24	0060320	SEAL: TYPE: COUPLING; DIMENSIONS: ID 120 X OD 145 X THK 15 MM; MATERIAL: RUBBER	EA	10
25	0072842	O RING SET: APPLICATION: DOSING PUMP; QUANTITY: 11; MATERIAL: VITON; ONE SET CONSISTS OF:- 9 X O-RINGS TYPE: 014, 1.78 MM THICK 2 X O-RINGS TYPE: 017, 1.78 MM THICK, ALL O-RINGS TO BE SUPPLIED IN ONE PLASTIC BAG AS PER SET, USED ON AMMONIA DOSING PUMP PLANT; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER	EA	10

Item	Material	LONG DESCRIPTION	UMC	QTY
		IF APPLICABLE)		
26	0094143	SEAL, OIL: INSIDE DIAMETER: 80 MM; OUTSIDE DIAMETER: 110 MM; WIDTH: 10 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; 12MM THK	EA	10
27	0094232	O RING, CORD: MATERIAL: RUBBER NATURAL; THICKNESS: 6.4 MM; SHORE HARDNESS: 75 DEG; BLACK, SHELF LIFE, DATE OF MANUFACTURE AND METHOD OF STORAGE REQUIRED WITH DELIVERY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
28	0094233	O RING, CORD: MATERIAL: RUBBER NATURAL; THICKNESS: 7.9 MM; SIZE 8MM OD; BLACK; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	200
29	0094234	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 9.5 MM; NATURAL; BLACK; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
30	0094235	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 13 MM; SHORE HARDNESS: 75 DEG; SIZE: 10M LG, BLACK, NATURAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	60
31	0094273	SEAL, OIL: INSIDE DIAMETER: 38.1 MM; OUTSIDE DIAMETER: 57.15 MM; WIDTH: 9.52 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES	EA	10
32	0094278	SEAL, OIL: INSIDE DIAMETER: 22 MM; OUTSIDE DIAMETER: 40 MM; WIDTH: 8.5 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; SUPPL P/N: SMIM22408; PLAIN, MOULDED-IN REINFORCEMENT	EA	20
33	0094279	SEAL, OIL: TYPE: ENCASED; INSIDE DIAMETER: 25 MM; OUTSIDE DIAMETER: 35 MM; WIDTH: 7 MM; MATERIAL: NITRILE; SEALING MEMBER: DOUBLE LIP; SPRING LOADED: YES; USED ON PRECIP DOUBLE FLAP VALVES, PLAIN	EA	10
34	0094296	SEAL, OIL: TYPE: PLAIN; INSIDE DIAMETER: 60.3 MM; OUTSIDE DIAMETER: 79.4 MM; WIDTH: 9.55 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: SINGLE LIP; REFERENCE NO: MIS26; MOULDED-IN REINFORCEMENT	EA	10
35	0094302	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 3.5 MM; SHORE HARDNESS: 75 DEG; BLACK, SHELF LIFE, DATE OF MANUFACTURE AND METHOD OF STORAGE REQUIRED WITH DELIVERY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	300

Item	Material	LONG DESCRIPTION	UMC	QTY
		WITH SABS CERTIFICATE; COLOUR: GREEN		
36	0094303	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 4 MM; SHORE HARDNESS: 75 DEG; BLACK; SHELF LIFE, DATE OF MANUFACTURE AND METHOD OF STORAGE REQUIRED WITH DELIVERY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	600
37	0094304	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 4.7 MM; SHORE HARDNESS: 75 DEG; BLACK; SHELF LIFE, DATE OF MANUFACTURE AND METHOD OF STORAGE REQUIRED WITH DELIVERY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	200
38	0094306	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 6.3 MM; SHORE HARDNESS: 75 DEG; COLOUR: BLACK, SHELF LIFE, DATE OF MANUFACTURE AND METHOD OF STORAGE REQUIRED WITH DELIVERY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	300
39	0094307	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 8 MM; SHORE HARDNESS: 75 DEG; SIZE: 10M LG, BLACK, SHELF LIFE, DATE OF MANUFACTURE AND METHOD OF STORAGE REQUIRED WITH DELIVERY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	30
40	0094308	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 9.5 MM; SHORE HARDNESS: 75 DEG; BLACK, SHELF LIFE, DATE OF MANUFACTURE AND METHOD OF STORAGE REQUIRED WITH DELIVERY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	100
41	0094310	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 12.7 MM; SHORE HARDNESS: 75 DEG; BLACK; SHELF LIFE, DATE OF MANUFACTURE AND METHOD OF STORAGE REQUIRED WITH DELIVERY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	60
42	0094410	SEAL, OIL: INSIDE DIAMETER: 28.6 MM; OUTSIDE DIAMETER: 47.6 MM; WIDTH: 9.5 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES	EA	10
43	0094431	SEAL, OIL: TYPE: PLAIN; INSIDE DIAMETER: 50.8 MM; OUTSIDE DIAMETER: 69.9 MM; WIDTH: 9.5 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: DOUBLE LIP; SPRING LOADED: YES; SUPPL P/N: MIS20	EA	10
44	0094432	SEAL, OIL: INSIDE DIAMETER: 63.5 MM; OUTSIDE DIAMETER: 82.7 MM; WIDTH: 9.53 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: DOUBLE LIP; SPRING LOADED: YES; SUPPL P/N: MIS28; SHAPE ROUND	EA	10

Item	Material	LONG DESCRIPTION	UMC	QTY
45	0094441	SEAL, OIL: TYPE: PLAIN; INSIDE DIAMETER: 57.2 MM; OUTSIDE DIAMETER: 85.7 MM; WIDTH: 12.7 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: DOUBLE LIP; SPRING LOADED: YES; MOULDED REINFORCEMENT	EA	10
46	0094479	SEAL, OIL: INSIDE DIAMETER: 90 MM; OUTSIDE DIAMETER: 120 MM; WIDTH: 12 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; SUPPL P/N: CB9012012	EA	10
47	0094486	SEAL, OIL: TYPE: ENCASED; INSIDE DIAMETER: 15 MM; OUTSIDE DIAMETER: 36 MM; WIDTH: 7 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; SUPPL P/N: MIS14	EA	10
48	0094494	O RING: INSIDE DIAMETER: 15.54 MM; WIDTH: 2.62 MM; MATERIAL: RUBBER SYNTHETIC; INDUSTRY STANDARD: 2-114; COLOR: BLACK; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
49	0094525	SEAL, OIL: TYPE: PLAIN; INSIDE DIAMETER: 49.21 MM; OUTSIDE DIAMETER: 69.85 MM; WIDTH: 9.52 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES	EA	10
50	0094561	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 7 MM; BLACK, NOT RATED FOR SHORE HARDNESS, REQUIRED WITH DELIVERY DATE OF MANUFACTURE, SHELF LIFE AND STORAGE METHOD, TO BE SUPPLIED IN ONE LENGTH; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	600
51	0094640	O RING: INSIDE DIAMETER: 250 MM; WIDTH: 6.99 MM; MATERIAL: RUBBER; COLOR: BLACK; DIMENSION: 7MM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
52	0097271	SEAL: TYPE: BAFFLE; DIMENSIONS: VARIOUS; MATERIAL: BRASS; APPLICATION: GEARBOX DE/NDE; SPECIFICATION: ISO 9001; MODEL NO: TA56SV; TYPE RENK	EA	10
53	0097309	SEAL: TYPE: FLANGE; DIMENSIONS: ID 150 X OD 154 X THK 40 MM; MATERIAL: RUBBER; DRAWING NO: 4704933 REV 1; ITEM USED ON PRECIPITATORS	EA	10
54	0097381	SEAL, OIL: INSIDE DIAMETER: 63.5 MM; OUTSIDE DIAMETER: 82.5 MM; WIDTH: 12.7 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; REFERENCE NO: WR704	EA	10
55	0097522	SEAL, MECHANICAL: SHAFT DIAMETER: 28 MM; BODY MATERIAL: STAINLESS STEEL; APPLICATION: PUMP; REFERENCE NO: 43BNCAEN; T521/ARICI/BO, ELASTOMER (VITON) BELLOW, ROTATING FACE, RESIN IMPREGNATED CARBON, STATIONARY SEAT, ALUMINIUM OXIDE CERAMIC; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10

Item No	Material	LONG DESCRIPTION	UMC	QTY
56	0097523	SEAL, MECHANICAL: SHAFT DIAMETER: 28 MM; BODY MATERIAL: STAINLESS STEEL; APPLICATION: PUMP; REFERENCE NO: EGGSEAL0L; T1/ARICI/BO, ELASTOMER (VITON) - BELLOW, ROTATING FACE, RESIN IMPREGNATED CARBON, STATIONARY SEAT, ALUMINIUM OXIDE CERAMIC, ALL METAL PARTS ARE STAINLESS STEEL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
57	0098235	SEAL, RING: TYPE: INSULATING; INSIDE DIAMETER: 188 MM; OUTSIDE DIAMETER: 238 MM; THICKNESS: 19 MM; MATERIAL: CARBON; WITH GARTER SPRINGS	EA	10
58	0099531	SEAL, RING: INSIDE DIAMETER: 60 MM; OUTSIDE DIAMETER: 72 MM; THICKNESS: 2 MM; MATERIAL: RUBBER; SUPPL P/N: 223436-02; MODEL NO: MAB 103B; REFERENCE NO: 223436-02; FOR PORTABLE OIL PURIFIER	EA	10
59	0099545	SEAL, MECHANICAL: TYPE: MECHANICAL; SHAFT DIAMETER: 57 MM; BODY MATERIAL: STAINLESS STEEL; APPLICATION: PUMP; 2-1/4 IN T209/QRI7I/V, PTFE, ROTATING FACE RESIN IMPREGNATED CARBON, STATIONARY SEAT, AUSTENIC CAST IRON (NI RESIST), ALL THE METAL PARTS STAINLESS STEEL, HP FUEL OIL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
60	0099926	SEAL, OIL: INSIDE DIAMETER: 37 MM; OUTSIDE DIAMETER: 48 MM; WIDTH: 7 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; U GAGO	EA	10
61	0099927	SEAL, OIL: INSIDE DIAMETER: 61 MM; OUTSIDE DIAMETER: 86 MM; WIDTH: 13 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; U	EA	10
62	0100237	SEAL, OIL: INSIDE DIAMETER: 33.5 MM; OUTSIDE DIAMETER: 61 MM; WIDTH: 13 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; SUPPL P/N: 930	EA	10
63	0100691	O RING SET: APPLICATION: PUMP; QUANTITY: 2; MATERIAL: VITON; REFERENCE NO: 412.3; KSB 100PCT; SIZE 155 MM ID X 3.5 MM CORD DIAMETER; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
64	0100692	O RING SET: APPLICATION: PUMP; QUANTITY: 2; MATERIAL: VITON; DRAWING NO: 510 72 123 01 REV 1; REFERENCE NO: 412.4; KSB 100PCT; SIZE 170 MM X 3.5 MM CORD DIAMETER; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
65	0100694	O RING SET: APPLICATION: PUMP; QUANTITY: 2; MATERIAL: RUBBER; REFERENCE NO: 412.6; KSB 100PCT SIZE 280 MM ID X 4 MM CORD DIAMETER; MAT TYPE:EP80 OR HE4180; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF	EA	10

Item	Material	LONG DESCRIPTION	UMC	QTY
		APPLICABLE).		
66	0100695	O RING: INSIDE DIAMETER: 253.59 MM; WIDTH: 3.53 MM; INDUSTRY STANDARD: 2-274; DRAWING NO: 510 72 123 01 REV 1; REFERENCE NO: 412.12; KSB 100PCT PUMP; SIZE: 265MM ID X 4MM CORE DIAMETER; 2 PER SET, NB80; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
67	0100696	O RING: INSIDE DIAMETER: 209.14 MM; WIDTH: 3.53 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-267; DRAWING NO: 510 72 123 01 REV 1; REFERENCE NO: EP80 OR HE4180; 412.2; KSB 100PCT PUMP; SIZE 216MM ID X 4MM CORD DIAMETER; 2 PER SET; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20
68	0100697	O RING: INSIDE DIAMETER: 104.14 MM; WIDTH: 5.33 MM; MATERIAL: NB70 OR NB80; INDUSTRY STANDARD: 2-346; REFERENCE NO: 412.1; 100PCT; PUMP SIZE ID 265MM X THK 5MM CORD DIAMETER; 1 PER SET; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
69	0100698	O RING: INSIDE DIAMETER: 145.64 MM; WIDTH: 3.53 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-256; DRAWING NO: 510 72 123 01 REV 1; REFERENCE NO: 412.8; 100 PCT PUMP; SIZE 150MM ID X 4MM CORD DIAMETER; MAT TYPE: HE 4180 OR EP 80; 1 PER SET; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
70	0100699	O RING: INSIDE DIAMETER: 15.47 MM; WIDTH: 3.53 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-208; REFERENCE NO: 412.13; KSB 100PCT PUMP, SIZE ID 16MM X THK 5MM CORD DIAMETER, MAT TYPER VB 80, 1 PER SET; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
71	0100700	O RING: INSIDE DIAMETER: 190.09 MM; WIDTH: 3.53 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-264; DRAWING NO: 510 72 123 01 REV 1; REFERENCE NO: 412.9; HE 4180; 100PCT PUMP; SIZE 196MM ID X 4MM CORD DIAMETER; MAT TYPE: EP 80; 4 PER SET; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
72	0100750	O RING SET: APPLICATION: WKLN 40/5 STG PUMP; PART NO 412 - KSB (SA)(PTY)LTD, SET CONSISTING OF: 412.1 O-RING DIFFUSER (LAST STAGE), 412.2 O-RING FOR SHAFT PROTECTING SLEEVE, 412.3 O-RING FOR SHAFT PROTECTING SLEEVE, 412.4 O-RING FOR STAGE CASING; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	50

Item	Material	LONG DESCRIPTION	UMC	QTY
73	0100771	SEAL: TYPE: FILTER COVER; DIMENSIONS: ID 175 X OD 195 X THK 3 MM; MATERIAL: RUBBER; SUPPL P/N: 858/B1; CAT NO: M212; FOR FLUIDEX I2250 OIL PURIFIER	EA	10
74	0100801	O RING SET: QUANTITY: 4; SUPPL P/N: 412-1-2; WKLN 150/2 STAGE PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
75	0100891	SEAL, MECHANICAL: TYPE: ROTATING SEAT; SHAFT DIAMETER: 6 IN; BODY MATERIAL: STAINLESS STEEL; SUPPL P/N: T8B1RS/QARIKI/PP; MODEL NO: CHTA 80-3 STG; O RING TYPE SEAL, ROTATING FACE, RESIN IMPREGNATED CARBON, STATIONARY SEAT, COBALT BONDED TUNGSTEN CARBIDE, ALL THE METAL PARTS- STAINLESS STEEL, ELASTOMER (VITON), FOR KSB PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	30
76	0100900	SEAL, RING: TYPE: IMPELLER; INSIDE DIAMETER: 255 MM; OUTSIDE DIAMETER: 300 MM; THICKNESS: 6 MM; MATERIAL: RUBBER; REFERENCE NO: E4122; FOR WARMAN PUMP MODEL 6-4E TYPE P(CH), REQUIRED FOR NEW PUMP AT THE SOUTH SED	EA	10
77	0100908	SEAL, OIL: TYPE: CRANKSHAFT; INSIDE DIAMETER: 23 MM; OUTSIDE DIAMETER: 46 MM; WIDTH: 7 MM; MATERIAL: RUBBER; REFERENCE NO: 0001-02; POSITION 13; FOR HAWK HC 500 CHEMICAL DOSING PUMP	EA	100
78	0100910	SEAL, OIL: INSIDE DIAMETER: 14 MM; OUTSIDE DIAMETER: 24 MM; WIDTH: 5 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; PLUG O-RING, CODE 0603-06, FOR HAWK HC 500 CHEMICAL DOSING PUMP	EA	10
79	0100926	SEAL, OIL: INSIDE DIAMETER: 1-1/4 IN; OUTSIDE DIAMETER: 1-3/4 IN; WIDTH: 9 MM; MATERIAL: VITON; SEALING MEMBER: SINGLE LIP; U-SEAL, HYDRAULIC	EA	10
80	0100950	SEAL, MECHANICAL: SHAFT DIAMETER: 30 MM; BODY MATERIAL: STAINLESS STEEL; APPLICATION: PUMP; SUPPL P/N: T4610/ARISH/FF; O RING CARTRIDGE SEAL, ROTATING FACE, RESIN IMPREGNATED CARBON, STATIONARY SEAT, SILICON CARBIDE, ALL THE METAL PARTS STAINLESS - STEEL, SPRING MATERIAL HASTELLOY C, ELASTOMER EPR; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
81	0100953	SEAL, RING: TYPE: HIGH PRESSURE; INSIDE DIAMETER: 310 MM; OUTSIDE DIAMETER: 375 MM; THICKNESS: 45 MM; MATERIAL: GRAPHITE SS REINFORCED; DRAWING NO: 26.41/36632 REV 1; 26.41/36632 ITEM1 REV 1; FOR USE ON ELECTRIC FEED PUMP NON RETURN VALVE, CONSISTS OF TWO PARTS WITH A 45DEG ANGLED FACE WITH OVERHAUL DIMENSIONS AS ABOVE, FOR UNIT 1 - 3	EA	10

Item	Material	LONG DESCRIPTION	UMC	QTY
82	0100964	O RING: INSIDE DIAMETER: 23.5 MM; WIDTH: 2.6 MM; MATERIAL: NEOPRENE; INDUSTRY STANDARD: 2-024; DRAWING NO: ESKOM 41/21532 REV 1; VALVE SLEEVE; O/D 28.7MM; AS PER ESKOM SHEER 1 AND 2; FOR OIL BURNER 4-WAY VALVE; FOR FUEL OIL USE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
83	0101159	SEAL, OIL: INSIDE DIAMETER: 80 MM; OUTSIDE DIAMETER: 88 MM; WIDTH: 7 MM; MATERIAL: BRZ PHOSPHOR; REFERENCE NO: SFPT	EA	10
84	0101160	O RING, CORD: MATERIAL: VITON; THICKNESS: 2.5 MM; SIZE: 5.5M LG; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	100
85	0101177	SEAL, MECHANICAL: SHAFT DIAMETER: 50 MM; BODY MATERIAL: STAINLESS STEEL; T502/BRICI/BO, ELASTOMER BELLOW, ROTATING FACE, RESIN IMPREGNATED CARBON, STATIONARY SEAT, ALUMINIUM - OXIDE CERAMIC, DEMIN WATER PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
86	0101303	O RING SET: APPLICATION: FILTER; MATERIAL: NITRILE; FOR EFP DUPLEX OIL FILTERS, KIT CONSISTING OF 3 O-RINGS:- (A) 1 X P/N 2-238 WITH A 96 MM OUTSIDE DIAMETER AND A 88.5 MM INSIDE DIAMETER AND 3.53 MM THICK, (B) 1 X P/N 2-335 WITH A 80 MM OUTSIDE DIAMETER AND A 69.5 MM INSIDE DIAMETER AND 5.33 MM THICK, (C) 1 X P/N 2-334 WITH A 77 MM OUTSIDE DIAMETER AND A 66 MM INSIDE DIAMETER AND 5.33 MM THICK; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
87	0101553	O RING, CORD: MATERIAL: VITON; THICKNESS: 7 MM; TO BE SUPPLIED IN A SEALED PLASTIC BAG CLEARLY MARKED WITH DESCRIPTION AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
88	0101554	O RING, CORD: MATERIAL: VITON; THICKNESS: 3.53 MM; TO BE SUPPLIED IN A SEALED PLASTIC BAG CLEARLY MARKED WITH DESCRIPTION AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	200
89	0101555	O RING SET: TYPE: REPAIR; QUANTITY: 8; MATERIAL: VITON; CONSISTING OF 4 OFF 52MM ID X 6MM 4 OFF 100MM ID X 6MM FOR USE ON H2 SEAL HOUSING SEAL; TO BE SUPPLIED IN A SEALED PLASTIC CONTAINER AND CLEARLY MARKED WITH DESCRIPTION, NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10

Item	Material	LONG DESCRIPTION	UMC	QTY
90	0101556	O RING: INSIDE DIAMETER: 22 MM; WIDTH: 2.5 MM; MATERIAL: VITON; REPAIR KIT; SET CONSISTING OF= 16 OFF; FOR USE ON OIL FILTERS SEAL; ITEM TO BE SUPPLIED IN A PLASTIC CONTAINER AND CLEARLY MARKED WITH DESCRIPTION; NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
91	0101557	O RING, CORD: MATERIAL: VITON; THICKNESS: 8 MM; TO BE SUPPLIED IN A SEALED PLASTIC BAG CLEARLY MARKED WITH DESCRIPTION AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
92	0101559	O RING SET: TYPE: REPAIR; MATERIAL: VITON; CONSISTING OF; = 3 OFF 40.64MM ID X 5.33MM 3 OFF 34.52MM ID X 5.35MM FOR USE ON SEALOIL PUMP SEAL; TO BE SUPPLIED IN A SEALED PLASTIC CONTAINER CLEARLY MARKED WITH DESCRIPTION, NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
93	0101560	O RING: INSIDE DIAMETER: 175 MM; WIDTH: 6 MM; MATERIAL: VITON; REPAIR KIT; SET CONSISTING OF= 2 OFF; FOR USE ON MAIN CONTROL OIL PUMP SEAL; TO BE SUPPLIED AS A KIT IN A SEALED PLASTICCONTAINER CLEARLY MARKED WITH DESCRIPTION; NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
94	0101561	O RING SET: QUANTITY: 2; MATERIAL: VITON; REPAIR KIT; FOR USE ON MAIN OIL PUMP SEAL; TO BE SUPPLIED IN A SEALED PLASTIC CONTAINER CLEARLY MARKED WITH DESCRIPTION NUMBER OF ITEMS AND MATERIAL; INSIDE DIAMETER: 176MM; WIDTH: 6MM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
95	0101562	O RING SET: APPLICATION: SERVO MOTOR SEAL; QUANTITY: 13; MATERIAL: VITON; CONSISTING OF: 2 OFF 88.27MM ID X 5.33MM, 1 OFF 12.37MM ID X 2.62MM, 1 OFF 253.37MM ID X 6.99MM, 1 OFF 137MM ID X 6.99MM, 2 OFF 37.39MM ID X 3.53MM, 2 OFF 53.34MM ID X 5.33MM, 2 OFF 75.57MM ID X 5.33MM, 2 OFF 18.64MM ID X 3.53MM, BFPT GOVERNOR AND ESV SERVO MOTOR SEAL, TO BE SUPPLIED AS A KIT IN A SEALED PLASTIC CONTAINER CLEARLY MARKED WITH DESCRIPTION NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20

Item	Material	LONG DESCRIPTION	UMC	QTY
96	0101563	O RING SET: TYPE: REPAIR; QUANTITY: 13; MATERIAL: VITON; CONSISTING OF 9 OFF 78,00MM ID X 6MM 4 OFF 325MM ID X 8MM FOR USE ON GENERATOR STATOR AND ROTOR SEAL; TO BE SUPPLIED IN A SEALED PLASTIC CONTAINER CLEARLY MARKED WITH DESCRIPTION, NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
97	0101564	O RING SET: TYPE: REPAIR; QUANTITY: 28; MATERIAL: VITON; CONSISTING OF; = 4 OFF 148.59MM ID X 6.99MM 4 OFF 129.54MM ID X 6.99MM 8 OFF 23.39MM ID X 3.53MM 12 OFF 6MM ID X 2.62MM FOR USE ON CONTROL OIL FILTER CHANGE-OVER DEVICE SEAL; TO BE SUPPLIED AS A KIT IN A SEALED PLASTIC CONTAINER CLEARLY MARKED WITH DESCRIPTION, NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20
98	0101565	O RING: INSIDE DIAMETER: 15.54 MM; WIDTH: 2.62 MM; MATERIAL: VITON; REPAIR KIT; SET OF 4; FOR USE ON LP SPRAYWATER VALVE SEAL; TO BE SUPPLIED IN A SEALED PLASTIC CONTAINER CLEARLY MARKED WITH DESCRIPTION AND NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20
99	0101566	O RING SET: TYPE: REPAIR; APPLICATION: RELAY; QUANTITY: 18; MATERIAL: VITON; CONSISTING OF THE FOLLOWING: 6 X 11.5MM ID X 3MM 6 X 34.5MM ID X 3.5MM 6 X 79MM ID X 5.3MM FOR USE ON EMERGENCY AIR RELAY, TO BE SUPPLIED IN A SEALED PLASTIC CONTAINER CLEARLY MARKED WITH DESCRIPTION AND NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
100	0101567	O RING SET: TYPE: REPAIR; APPLICATION: SERVO MOTOR PISTON; QUANTITY: 8; CONSISTING OF THE FOLLOWING: 4 X 156MM ID X 161MM OD X 3.8MM THK 4 X 155MM ID X 161MM OD X 15MM THK, FOR USE ON BFPT GOVERNOR ANS ESV SERVO MOTOR PISTON, TO BE SUPPLIED IN A PLASTIC CONTAINER CLEARLY MARKED WITH DESCRIPTION NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20

Item	Material	LONG DESCRIPTION	UMC	QTY
101	0101568	O RING SET: TYPE: REPAIR; APPLICATION: VALVE; QUANTITY: 4; MATERIAL: VITON; CONSISTING OF THE FOLLOWING: 2 X 18.72MM ID X 2.62MM; 2 X 13.94MM ID X 2.62MM, FOR USE ON MVG VALVE SEAL, TO BE SUPPLIED IN A SEALED PLASTIC CONTAINER AND CLEARLY MARKED WITH DESCRIPTION AND NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
102	0101569	O RING SET: TYPE: REPAIR; APPLICATION: VACUUM BREAKER; QUANTITY: 3; MATERIAL: VITON; CONSIST OF THE FOLLOWING: 1 X 194 MM ID X 6MM 1 X 196 MM ID X 7MM 1 X 240 MM ID X 7MM, FOR USE ON VACUUM BREAKER SEAL, TO BE SUPPLIED IN A SEALED PLASTIC CONTAINER AND CLEARLY MARKED WITH DESCRIPTION AND NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
103	0101571	O RING SET: TYPE: REPAIR; QUANTITY: 16; MATERIAL: VITON; CONSISTING OF; =8 OFF 253MM ID X 7MM; 4 OFF 93MM ID X 5.3MM; 4 OFF 79MM ID X 5.3MM FOR USE ON FOR USE ON MODERATING VALVE SERVO MOTOR SEAL; TO BE SUPPLIED IN A SEAL PLASTIC CONTAINER AND CLEARLY MARKED WITH DESCRIPTION; NUMBER OF ITEMS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
104	0101572	O RING SET: TYPE: REPAIR; APPLICATION: VALVE SERVO MOTOR; QUANTITY: 44; MATERIAL: VITON; CONSISTING OF 4 OFF 101MM ID X 5.3MM, 8 OFF 101MM ID X 4MM, 4 OFF 367MM ID X 7.5MM, 4 OFF 158MM X 7MM, 4 OFF 58MM ID X 5.3MM, 4 OFF 413MM ID X 7MM, 4 OFF 50MM ID X 5.3MM, 8 OFF 456MM ID X 8MM, 4 OFF 128MM ID X 7MM DIA, FOR USE ON GOVERNOR VALVE SERVO MOTOR SEAL, TO BE SUPPLIED PACKED IN A SEALED BLACK PLASTIC BAG AND BE CLEARLY MARKED WITH DECRIPTION, NUMBER OF PARTS AND MATERIAL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20
105	0101573	SEAL: TYPE: ACTUATOR; DIMENSIONS: ID 95 X OD 150 X THK 6 MM; MATERIAL: VITON; DUST, FOR USE ON HP HEATER NRV, 8 HOLES OF 5MM AT 110MM PCD	EA	20
106	0101622	SEAL, RING: TYPE: HIGH PRESSURE; INSIDE DIAMETER: 98 MM; OUTSIDE DIAMETER: 118 MM; THICKNESS: 20 MM; MATERIAL: GRAPHITE SS REINFORCED; DRAWING NO: 26.41/36632 REV 1; FOR USE ON LIVE STEAM TO QUICK START EJECTORS, REGULATING VALVE, EACH CONSISTS OF TWO PARTS WITH 45DEG ANGLE FACE, FOR UNIT 4 - 6	EA	10

Item	Material	LONG DESCRIPTION	UMC	QTY
107	0101623	SEAL, RING: TYPE: HIGH PRESSURE; INSIDE DIAMETER: 120 MM; OUTSIDE DIAMETER: 140 MM; THICKNESS: 16 MM; MATERIAL: GRAPHITE SS REINFORCED; DRAWING NO: 26.41/36632 POS 57, 58, 66 REV 1; FOR USE ON: (A) GLAND STEAM SUPPLY FROM MAIN STEAM MANIFOLD MOTORIZED ISOLATING VALVE, (B) LIVE STEAM FROM MAIN MANIFOLD TO AIR EJECTORS MOTORIZED ISOLATING VALVE, (C) QUICK START EJECTORS MAIN ISOLATING VALVE, FOR UNIT 4 - 6, EACH CONSISTS OF TWO PARTS WITH 45DEG ANGLE FACE	EA	10
108	0101624	SEAL, RING: TYPE: PRESSURE; INSIDE DIAMETER: 155 MM; OUTSIDE DIAMETER: 180 MM; THICKNESS: 19 MM; MATERIAL: GRAPHITE SS REINFORCED; DRAWING NO: 26.41/36632 REV 1; HIGH, FOR USE ON BLED STEAM FROM MAIN MANIFOLD TO DEAERATOR SPRAY MOTORIZED VALVE, EACH CONSISTS OF TWO PARTS WITH 45DEG ANGLED FACE, ALSO USED ON LIVE STEAM TO DEAERATOR CONTROL ISOLATING VALVE, FOR UNIT 4 - 6	EA	10
109	0101625	SEAL, RING: TYPE: HIGH PRESSURE; INSIDE DIAMETER: 205 MM; OUTSIDE DIAMETER: 240 MM; THICKNESS: 20 MM; MATERIAL: GRAPHITE SS REINFORCED; DRAWING NO: 26.41/36632 REV 1; FOR USE ON E.F.P. REGULATING VALVES, EACH CONSISTS OF TWO PARTS WITH 45DEG ANGLE FACE, FOR UNITS 4 - 6	EA	30
110	0101626	SEAL, RING: TYPE: HIGH PRESSURE; INSIDE DIAMETER: 205 MM; OUTSIDE DIAMETER: 236 MM; THICKNESS: 21 MM; MATERIAL: GRAPHITE SS REINFORCED; DRAWING NO: 26.41/36632 REV 1; FOR USE ON LIVE STEAM TO MAIN MANIFOLD ISOLATING VALVE, EACH CONSISTS OF TWO PARTS WITH 45DEG ANGLE FACE	EA	10
111	0101627	SEAL, RING: TYPE: HIGH PRESSURE; INSIDE DIAMETER: 260 MM; OUTSIDE DIAMETER: 300 MM; THICKNESS: 31 MM; MATERIAL: GRAPHITE SS REINFORCED; DRAWING NO: 26.41/36632 REV 1; FOR USE ON LIVE TO DEAERATOR ISOLATING VALVE, EACH CONSISTS OF TWO PARTS WITH 45DEG ANGLED FACE, FOR UNIT 4 - 6	EA	10
112	0101628	SEAL, RING: TYPE: HIGH PRESSURE; INSIDE DIAMETER: 315 MM; OUTSIDE DIAMETER: 355 MM; THICKNESS: 30 MM; MATERIAL: GRAPHITE SS REINFORCED; DRAWING NO: 26.41/36632 REV 1; FOR USE ON E.F.P DISCHARGE ISOLATING VALVES, EACH CONSISTS OF TWO PARTS WITH 45DEG ANGLED FACE, FOR UNIT 4 - 6	EA	20
113	0101717	SEAL: TYPE: PRESSURE SEAL; DIMENSIONS: ID 100 X OD 115 X THK 12.5 MM; MATERIAL: GRAPHITE; APPLICATION: VALVE; SUPPL P/N: C9362-616; FOR UNIT 1 - 6 SUPERHEAT FINAL AIR RELEASE (RAINMAKERS)	EA	20

Item	Material	LONG DESCRIPTION	UMC	QTY
114	0101733	O RING SET: TYPE: REPAIR; APPLICATION: OIL FILTER DEVICE; QUANTITY: 28; MATERIAL: VITON; FOR BFPT OIL FILTER CHANGE OVER DEVICE CONSIST OF THE FOLLOWING IN ACCORDANCE WITH ISO 3601-1:2012; 4 OFF VITON O-RINGS OF SIZE: 100.97 MM ID X 5.33 MM CROSS SECTIONAL DIAMETER (O-RING- ISO3601-1-345-100.97 X 5.33-S); 4 OFF: VITON O-RINGS OF SIZE: 88.72 MM ID X 5.33 MM CROSS-SECTIONAL DIAMETER (O-RING-ISO3601-1-341-88.72 X 5.33-S); 8 OFF: VITON O-RINGS OF SIZE: 17.04 MM ID X 3.53 MM CROSS-SECTIONAL DIAMETER (O-RING-ISO3601-1-209-17.04 X 3.53-S); 12 OFF: VITON O-RINGS OF SIZE: 5.28 MM ID X 1.78 MM CROSS-SECTIONAL DIAMETER (O-RING-ISO3601-1-009-5.28 X 1.78-S); VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
115	0101734	O RING, CORD: MATERIAL: VITON; THICKNESS: 10 MM; TO BE SUPPLIED SEALED IN A PLASTIC BAG WITH MATERIAL CERTIFICATE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	50
116	0101735	SEAL: DIMENSIONS: DIA 8 MM; MATERIAL: VITON; APPLICATION: T PIECE; REFERENCE NO: G75-017; MOULDED, TO BE SUPPLIED IN A SEALED PLASTIC BAG WITH MATERIAL CERTIFICATE	EA	10
117	0101944	SEAL, OIL: INSIDE DIAMETER: 35 MM; OUTSIDE DIAMETER: 52 MM; WIDTH: 7 MM; MATERIAL: RUBBER SYNTHETIC; SPRING LOADED: YES; SUPPL P/N: SM35527; DPSM35527	EA	50
118	0102151	SEAL, OIL: INSIDE DIAMETER: 44.5 MM; OUTSIDE DIAMETER: 63.5 MM; WIDTH: 9.5 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; SUPPL P/N: MIS112; WITH SPRING MOULDED-IN REINFORCEMENT	EA	100
119	0102338	O RING: INSIDE DIAMETER: 183.52 MM; WIDTH: 6.99 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-442; SUPPL P/N: 25122-774; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
120	0103823	O RING: INSIDE DIAMETER: 210 MM; WIDTH: 5.33 MM; MATERIAL: NBR; INDUSTRY STANDARD: 2-337; 3-1/2 INCH OD; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
121	0103867	SEAL, RING: INSIDE DIAMETER: 12.4 MM; OUTSIDE DIAMETER: 25.4 MM; THICKNESS: 7 MM; MATERIAL: PTFE; APPLICATION: TURBINE; TEFLON	EA	40
122	0103877	SEAL, RING: TYPE: VALVE; INSIDE DIAMETER: 124 MM; OUTSIDE DIAMETER: 150 MM; THICKNESS: 25 MM; MATERIAL: GRAPHITE SS REINFORCED; SUPPL P/N: P0S519; DRAWING NO: ESKOM ARNOT 26.41/36632 REV 1; HIGH PRESSURE, CONSISTS OF TWO PARTS WITH A 45DEG ANGLED FACE WITH OVERHAUL DIMENSIONS AS	EA	10

Item	Material	LONG DESCRIPTION	UMC	QTY
		ABOVE, FOR USE ON LIVE STEAM TO QUICK START AIR EJECTORS ISOLATING V/V		
123	0103884	SEAL, RING: TYPE: RING; INSIDE DIAMETER: 315 MM; OUTSIDE DIAMETER: 370 MM; THICKNESS: 2 MM; MATERIAL: VITON; APPLICATION: MILL; DRAWING NO: 1.1518.01.0400 REV 1; IN ACCORDANCE WITH DRAWING FOR MILLS ON FLOW IN LEVEL 1 PLANT SPARE; HEIGHT: 70 MM	EA	50
124	0103886	SEAL, OIL: INSIDE DIAMETER: 15 MM; OUTSIDE DIAMETER: 40 MM; WIDTH: 12 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; REFERENCE NO: 40240/4	EA	10
125	0103887	SEAL: DIMENSIONS: ID 324 X OD 344 X THK 10 MM; MATERIAL: RUBBER; TYPE COUPLING, FOR JOHNSON COUPLING, TRIANGULAR SHAPE	EA	10
126	0103892	SEAL, RING: INSIDE DIAMETER: ID 80 MM X OD 1 M X THK 12 MM; MATERIAL: LEATHER; APPLICATION: CAP; DRAWING NO: 962A REV 1	EA	10
127	0103895	O RING: INSIDE DIAMETER: 21.89 MM; WIDTH: 2.62 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-118; FOR DECLUTCH SHAFT ON PRE-HEATERS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
128	0103913	O RING SET: APPLICATION: KENT POWER CYL; MATERIAL: RUBBER; REFERENCE NO: NPH52; 0-10, MA, DC; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
129	0103915	SEAL, RING: TYPE: BRAIDED; INSIDE DIAMETER: 28 MM; OUTSIDE DIAMETER: 45 MM; THICKNESS: 6 MM; MATERIAL: RAMIE FIBER; SUPPL P/N: HPC16; SHAPE SPLIT; 5 GLAND PACKINGS	EA	10
130	0103932	SEAL, RING: INSIDE DIAMETER: 40 MM; OUTSIDE DIAMETER: 56 MM; THICKNESS: 8 MM; MATERIAL: PTFE	EA	10
131	0103939	O RING: INSIDE DIAMETER: 202.57 MM; WIDTH: 6.99 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-445; REFERENCE NO: 1H8624-0699; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
132	0103955	SEAL, RING: INSIDE DIAMETER: 4 MM; OUTSIDE DIAMETER: 8 MM; THICKNESS: 2 MM; MATERIAL: STL RUBBER LINED; REFERENCE NO: IH2664-2899	EA	10
133	0103956	O RING: INSIDE DIAMETER: 10 MM; WIDTH: 2.62 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-111; REFERENCE NO: ID 6875-0699; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
134	0103959	SEAL, OIL: INSIDE DIAMETER: 75 MM; OUTSIDE DIAMETER: 100 MM; WIDTH: 23 MM; MATERIAL: RUBBER; SEALING MEMBER: DOUBLE LIP	EA	10

Item	Material	LONG DESCRIPTION	UMC	QTY
135	0103961	O RING: INSIDE DIAMETER: 140 MM; WIDTH: 3 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-161; MP MODEL 4; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
136	0103966	SEAL: TYPE: GLAND; DIMENSIONS: DIA 250 X WD 150 X THK 14 MM; MATERIAL: NEOPRENE; SUPPL P/N: 416-068; DRAWING NO: SS1090 REV 1; FOR SPARGO TWO ROLL ASH CRUSHER 500DIA X 600LH; ARNOT SOLE SOURCE APPROVED: WEIR MINERALS VENDOR NO: 11007742 AND WILL EXPIRE ON: 2019/02/20	EA	30
137	0103967	SEAL, RING: INSIDE DIAMETER: 355 MM; OUTSIDE DIAMETER: 450 MM; THICKNESS: 25 MM; MATERIAL: RUBBER; SPARGO BIN NO 327-041, FOR SPARGO ASH PUMP 12/50 FRAME	EA	10
138	0103969	O RING: INSIDE DIAMETER: 203 MM; WIDTH: 4 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-265; FOR BOSLOOP PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
139	0103974	O RING: INSIDE DIAMETER: 1-1/2 IN; WIDTH: 1/8 IN; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-222; PUMP P 8051; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
140	0103977	SEAL, RING: TYPE: INSULATING; INSIDE DIAMETER: 175 MM; OUTSIDE DIAMETER: 220 MM; THICKNESS: 32 MM; MATERIAL: STAINLESS STEEL; BRASS; ITEM 93; RENK GEARBOX; TYPE TA565; LARGE RING PACKING	EA	10
141	0103982	O RING: INSIDE DIAMETER: 187 MM; WIDTH: 4 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-262; FOR USE WITH SULZER CHEMICAL METERING PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
142	0103988	SEAL, OIL: INSIDE DIAMETER: 35 MM; OUTSIDE DIAMETER: 52 MM; WIDTH: 12 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; 206114 COMP TYPE CSA3	EA	10
143	0103997	O RING: INSIDE DIAMETER: 107.32 MM; WIDTH: 5.33 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-347; REFERENCE NO: A10347-2; FOR VM D500 COMPRESSOR; FOR BROOM AND WADE COMPRESSOR; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
144	0103998	SEAL, OIL: INSIDE DIAMETER: 116 MM; OUTSIDE DIAMETER: 153 MM; WIDTH: 20 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; SUPPL P/N: A6450-76; COMPRESSOR	EA	10

Item	Material	LONG DESCRIPTION	UMC	QTY
145	0104005	O RING: INSIDE DIAMETER: 1-1/8 IN; WIDTH: 1/16 IN; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-124; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
146	0104007	O RING: SUPPL P/N: 1J96656/3503/2; 1D134606992; FOR USE WITH FISHER NOZZLE; ABOVE PARTS USED IN A FISHER POSITIONER TYPE V/P; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
147	0104023	SEAL, OIL: INSIDE DIAMETER: 10 MM; OUTSIDE DIAMETER: 35 MM; WIDTH: 7 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; FIRED SPACE HEAT	EA	10
148	0104027	SEAL, MECHANICAL: SHAFT DIAMETER: 35 MM; APPLICATION: PUMP; T521/ARICI/N, ELASTOMER - BELLOW TYPE, ROTATING FACE RESIN IMPREGNATED CARBON, STATIONARY SEAT, ALUMINIUM OXIDE CERAMIC, ALL THE METAL PARTS STAINLESS STEEL, ELASTOMER (VITON) SFPT BEARING OIL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
149	0104028	SEAL, MECHANICAL: SHAFT DIAMETER: 45 MM; BODY MATERIAL: STAINLESS STEEL; APPLICATION: PUMP; REFERENCE NO: R5500M2R; T502/GRICI/BO, ELASTOMER - BELLOW TYPE, ROTATING FACE, RESIN IMPREGNATED CARBON, STATIONARY SEAT, ALUMINIUM OXIDE CERAMIC, ELASTOMER (VITON) DEMIN PUMPS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
150	0104032	SEAL, MECHANICAL: TYPE: SHAFT; SHAFT DIAMETER: 3/4 IN; BODY MATERIAL: STAINLESS STEEL; CRANE 2N9287; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
151	0104034	FACE, MECHANICAL SEAL: TYPE: ROTATING; DIMENSIONS: ID 46 X OD 60 X THK 10 MM; MATERIAL: CARBON; REFERENCE NO: 0444-003-171APE; FOR USE ON APE OIL PUMP TYPE "K" SIZE 6 INCH; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
152	0104036	SEAL, MECHANICAL: TYPE: ELASTOMER BELLOW; SHAFT DIAMETER: 5/8 IN; BODY MATERIAL: STAINLESS STEEL; T21/ARICI/N, ROTATING FACE, RESIN IMPREGNATED CARBON, STATIONARY SEAT, ALUMINIUM OXIDE CERAMIC; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10

Item	Material	LONG DESCRIPTION	UMC	QTY
153	0104044	O RING: INSIDE DIAMETER: 189.87 MM; WIDTH: 6.99 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-443; REFERENCE NO: 13-85; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
154	0104046	O RING: INSIDE DIAMETER: 148.82 MM; WIDTH: 3.53 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-257; REFERENCE NO: 52-23; FOR HOUSING; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
155	0104051	O RING: INSIDE DIAMETER: 216 MM; WIDTH: 4 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-227; SC NO. 600; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
156	0104052	O RING: INSIDE DIAMETER: 129.54 MM; WIDTH: 6.99 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-430; SUPPL P/N: A10347-4; FOR LP SUCTION AND DELIVERY VALVES; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
157	0104054	SEAL, OIL: INSIDE DIAMETER: 30 MM; OUTSIDE DIAMETER: 52 MM; WIDTH: 10 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; R4 WEST	EA	10
158	0104055	SEAL, RING: INSIDE DIAMETER: 1.73 MM; OUTSIDE DIAMETER: 1.828 M; THICKNESS: 72 MM; MATERIAL: NITRILE; BOVING BUTTERFLY BLADE, FOR VALVE SIZE 1828MM, ROTORK 72, 72 HOLES, PCD 1730	EA	10
159	0104056	SEAL, OIL: INSIDE DIAMETER: 13 MM; OUTSIDE DIAMETER: 19 MM; WIDTH: 3 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP	EA	10
160	0104063	SEAL: TYPE: PRE-HEATER; MATERIAL: CARBON; REFERENCE NO: 51D39487; INCLUDING GARTER SPRING	EA	10
161	0104077	O RING: INSIDE DIAMETER: 1 IN; WIDTH: 1/16 IN; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-022; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	40
162	0104086	SEAL, OIL: TYPE: SEAL; INSIDE DIAMETER: 30 MM; OUTSIDE DIAMETER: 52 MM; WIDTH: 10 MM; MATERIAL: RUBBER; SEALING MEMBER: DOUBLE LIP; SPRING LOADED: YES; SUPPL P/N: 1250-2000; DRAWING NO: 015232 REV 1; PRIMARY, FOR SOOTBLOWER LANCES ON BOILERS 1-3	EA	10
163	0104087	SEAL, OIL: TYPE: SEAL; INSIDE DIAMETER: 42 MM; OUTSIDE DIAMETER: 58 MM; WIDTH: 10 MM; MATERIAL: RUBBER; SEALING MEMBER: DOUBLE LIP; SPRING LOADED: YES; SUPPL P/N: DL1750-2250; DRAWING NO: 015232 REV 1; FOR SOOTBLOWERS ON BOILERS 1-3	EA	10

Item No	Material	LONG DESCRIPTION	UMC	QTY
164	0104088	SEAL, OIL: TYPE: SEAL; INSIDE DIAMETER: 18 MM; OUTSIDE DIAMETER: 38 MM; WIDTH: 8 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; SUPPL P/N: W15007531R4; DRAWING NO: 015122 REV 1; FOR GUN TYPE SOOTBLOWERS	EA	10
165	0104093	O RING: INSIDE DIAMETER: 24.5 MM; WIDTH: 2.7 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-213; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
166	0104094	O RING: INSIDE DIAMETER: 14 MM; WIDTH: 2 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-015; OD 12.8MM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
167	0104101	SEAL, RING: TYPE: HIGH PRESSURE; INSIDE DIAMETER: 243 MM; OUTSIDE DIAMETER: 277.6 MM; THICKNESS: 30 MM; MATERIAL: GRAPHITE SS REINFORCED; DRAWING NO: ESKOM ARNOT 26.41/36632 REV 1; FOR USE ON INTERNAL VALVE SET 4-6 TURBINE, CONSISTS OF TWO PARTS WITH A 45DEG ANGLED FACE WITH OVERHAUL DIMENSIONS AS ABOVE, FOR UNIT 1 - 3	EA	10
168	0104102	O RING: INSIDE DIAMETER: 126.37 MM; WIDTH: 6.99 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-429; SMALL, 429BU, PUMPS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
169	0104103	O RING: INSIDE DIAMETER: 144 MM; WIDTH: 5 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-236; PUMP SPARE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
170	0104104	O RING: INSIDE DIAMETER: 169 MM; WIDTH: 5 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-363; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
171	0104105	O RING: INSIDE DIAMETER: 184.3 MM; WIDTH: 5.7 MM; MATERIAL: RUBBER; INDUSTRY STANDARD: 2-365; APPLICATION: PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
172	0104115	SEAL: TYPE: PRESSURE; DIMENSIONS: ID 203 X OD 241 X THK 30 MM; MATERIAL: GRAPHITE SS REINFORCED; DRAWING NO: ESKOM 26.41/36632 REV 1; FOR USE ON ELECTRIC FEED PUMP REGULATING VALVE, CONSISTS OF TWO PARTS WITH A 45DEG ANGLED FACE WITH OVERHAUL DIMENSIONS AS ABOVE, FOR UNIT 1 - 3	EA	10

Item	Material	LONG DESCRIPTION	UMC	QTY
173	0104116	SEAL: DIMENSIONS: ID 350 X OD 415 X THK 50 MM; MATERIAL: 17CRMOV5-11; APPLICATION: TURBINE; DRAWING NO: 13.41/805 REV 1; REFERENCE NO: BONB136940 ITEM 24; ESV STEAM SIDE TAPER, MATERIAL CERTIFICATES SHOULD BE DELIVERED UPON ARRIVAL AND ROTEK TO PERFORM THE DIMENSIONAL CHECK	EA	10
174	0104121	SEAL, MECHANICAL: SHAFT DIAMETER: 63.5 MM; BODY MATERIAL: STAINLESS STEEL; APPLICATION: PUMP; SUPPL P/N: J8-1/AR1X1/OR; CARTRIDGE ROTATING UNIT IS MULTIPLE SPRINGS WITH CARBON FACE, STATIONERY FACE IS CERAMIC, TO BE USED WITH EPR O - RINGS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
175	0104123	O RING SET: APPLICATION: PUMP; REFERENCE NO: 412.8; 150 MM X 4 MM KSB 100 PCT BF PMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
176	0104124	O RING SET: APPLICATION: PUMP; QUANTITY: 2; MATERIAL: RUBBER; KSB 100PCT, SIZE 240 MM ID X 5 MM CORD DIAMETER, MATL E.P. 80 OR HE 4180; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
177	0104134	SEAL, RING: TYPE: ACTUATOR; INSIDE DIAMETER: 237 MM; OUTSIDE DIAMETER: 325 MM; THICKNESS: 25 MM; MATERIAL: RUBBER; REFERENCE NO: 00-15-02300	EA	10
178	0104135	SEAL, RING: TYPE: ACTUATOR; INSIDE DIAMETER: 18 MM; OUTSIDE DIAMETER: 90 MM; THICKNESS: 20 MM; MATERIAL: RUBBER; SUPPL P/N: 00-15-024000	EA	10
179	0104137	SEAL, OIL: INSIDE DIAMETER: 18 MM; OUTSIDE DIAMETER: 40 MM; WIDTH: 11 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; SUPPL P/N: SMIM184010; 10 SE 70	EA	10
180	0104144	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 1.588 MM; SIZE: 2.5M LG, DIA 1/16 IN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
181	0104145	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 16 MM; SIZE: 5M LG, 5/8 IN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
182	0104147	SEAL, OIL: INSIDE DIAMETER: 42 MM; OUTSIDE DIAMETER: 70 MM; WIDTH: 14 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; SUPPL P/N: WR126; REFERENCE NO: WR126	EA	10
183	0104148	SEAL, OIL: INSIDE DIAMETER: 6.25 MM; OUTSIDE DIAMETER: 7.25 MM; WIDTH: 0.5 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SUPPL P/N: MIS64	EA	10

Item	Material	LONG DESCRIPTION	UMC	QTY
184	0104149	SEAL, OIL: INSIDE DIAMETER: 44.45 MM; OUTSIDE DIAMETER: 61.7 MM; WIDTH: 9.39 MM; MATERIAL: RUBBER SYNTHETIC; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES	EA	10
185	0104151	SEAL, OIL: INSIDE DIAMETER: 100 MM; OUTSIDE DIAMETER: 130 MM; WIDTH: 13 MM; MATERIAL: RUBBER; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; SUPPL P/N: SB1001-3013	EA	10
186	0104153	SEAL, OIL: REFERENCE NO: W43333451R4; R485 X 110 X 13 BB	EA	10
187	0104154	SEAL, OIL: INSIDE DIAMETER: 63.5 MM; OUTSIDE DIAMETER: 82.6 MM; WIDTH: 9.8 MM; MATERIAL: RUBBER; SEALING MEMBER: DOUBLE LIP; SPRING LOADED: YES	EA	10
188	0104228	SEAL, RING: TYPE: GAUGE SIGHT GLASS; INSIDE DIAMETER: 19 MM; OUTSIDE DIAMETER: 27 MM; THICKNESS: 15 MM; MATERIAL: VITON; SMOOTH FINISH, OVERALL LENGTH: 15MM, TO BE DELIVERED WITH THE FOLLOWING INFO - SHELF LIFE AND STORAGE METHOD	EA	10
189	0104335	SEAL, OIL: INSIDE DIAMETER: 18 MM; OUTSIDE DIAMETER: 32 MM; WIDTH: 7 MM; MATERIAL: VITON; SEALING MEMBER: SINGLE LIP; SPRING LOADED: YES; REFERENCE NO: WR620	EA	10
190	0104628	O RING, CORD: MATERIAL: VITON; THICKNESS: 6 MM; REFERENCE NO: HMG010271-1; REQUIRED WITH DELIVERY DATE OF MANUFACTURE, SHELF LIFE AND STORAGE METHOD; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
191	0104641	SEAL, MECHANICAL: SHAFT DIAMETER: 40 MM; BODY MATERIAL: STAINLESS STEEL; APPLICATION: PUMP; REFERENCE NO: MG9; JOHN CRANE TYPE T502/GR1C1/BO WITH COLLAR, TO DIN 24250, ITEM MUST BE ORIGINAL PACKED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
192	0105912	O RING, CORD: MATERIAL: NEOPRENE; THICKNESS: 3.5 MM; BLACK, 1M LONG CONTINUOUS LENGTH; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	200
193	0106140	SEAL, RING: INSIDE DIAMETER: 65 MM; OUTSIDE DIAMETER: 80 MM; THICKNESS: 8 MM; MATERIAL: RUBBER; APPLICATION: B.F.P.T OIL PURIFIER; SUPPL P/N: 67677-00; REFERENCE NO: 67677; MAB104B	EA	10
194	0108817	SEAL: TYPE: METER; DIMENSIONS: ID 2 X OD 6 X THK 12 MM; MATERIAL: LEAD; FOR SEALING OF EG FIRE EXTINGUISHERS AND MEDICAL AID BOXES	EA	10

Item No	Material	LONG DESCRIPTION	UMC	QTY
195	0236184	O RING: INSIDE DIAMETER: 240.67 MM; WIDTH: 5.33 MM; MATERIAL: NBR 70; INDUSTRY STANDARD: ISO 3601; COLOR: BLACK; APPLICATION: PUMP; SUPPL P/N: 412-02/04; 021-703-024-001; MODEL NO: HPTPOM28-5S; ITEMS TO BE INDIVIDUALLY PACKED IN A BLACK SEALED POLYURETHANE BAG AND KITS AS A SET. FOR SHELF LIFE CONROL,EACH BAG TO BE CLEARLY MARKED WITH CONTENTS, QUANTITY, BATCH NUMBER AND CURE DATE.	EA	10
196	0236185	O RING: INSIDE DIAMETER: 151.99 MM; WIDTH: 3.53 MM; MATERIAL: NBR 70; INDUSTRY STANDARD: ISO 3601; COLOR: BLACK; APPLICATION: PUMP; SUPPL P/N: 412.03; 021-702-015-009; MODEL NO: HPTPOM28-5S; ITEMS TO BE INDIVIDUALLY PACKED IN A BLACK SEALED POLYURETHANE BAG AND KITS AS A SET. FOR SHELF LIFE CONROL,EACH BAG TO BE CLEARLY MARKED WITH CONTENTS, QUANTITY, BATCH NUMBER AND CURE DATE. FOR USE ON SULZER PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
197	0236187	O RING: INSIDE DIAMETER: 171.04 MM; WIDTH: 3.53 MM; MATERIAL: NBR 70; INDUSTRY STANDARD: ISO 3601; COLOR: BLACK; APPLICATION: PUMP; SUPPL P/N: 412-06; 021-702-017-009; MODEL NO: HPTPOM28-5S; ITEMS TO BE INDIVIDUALLY PACKED IN A BLACK SEALED POLYURETHANE BAG AND KITS AS A SET. FOR SHELF LIFE CONROL,EACH BAG TO BE CLEARLY MARKED WITH CONTENTS, QUANTITY, BATCH NUMBER AND CURE DATE. FOR USE ON SULZER PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
198	0236188	O RING: INSIDE DIAMETER: 218 MM; WIDTH: 5.33 MM; MATERIAL: NBR 70; INDUSTRY STANDARD: ISO 3601; COLOR: BLACK; APPLICATION: PUMP; SUPPL P/N: 021-703-021-809; 412-07; MODEL NO: HPTPOM28-5S; ITEMS TO BE INDIVIDUALLY PACKED IN A BLACK SEALED POLYURETHANE BAG AND KITS AS A SET. FOR SHELF LIFE CONROL,EACH BAG TO BE CLEARLY MARKED WITH CONTENTS, QUANTITY, BATCH NUMBER AND CURE DATE. FOR USE ON SULZER PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
199	0236193	O RING: INSIDE DIAMETER: 189.9 MM; WIDTH: 6.99 MM; MATERIAL: NBR 70; INDUSTRY STANDARD: ISO 3601; COLOR: BLACK; APPLICATION: PUMP; SUPPL P/N: 412-12; 021-501-018-909; MODEL NO: HPTPOM28-5S; ITEMS TO BE INDIVIDUALLY PACKED IN A BLACK SEALED POLYURETHANE BAG AND KITS AS A SET. FOR SHELF LIFE CONROL,EACH BAG TO BE CLEARLY MARKED WITH CONTENTS, QUANTITY, BATCH NUMBER AND CURE DATE. FOR USE ON SULZER PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10

200	0236256	O RING: INSIDE DIAMETER: 1.045 M; WIDTH: 7 MM; MATERIAL: NBR 70; INDUSTRY STANDARD: ISO 3601; COLOR: BLACK; APPLICATION: PUMP; ITEMS TO BE INDIVIDUALLY PACKED IN A BLACK SEALED POLYURETHANE BAG AND KITS AS A SET. FOR SHELF LIFE CONROL,EACH BAG TO BE CLEARLY MARKED WITH CONTENTS, QUANTITY, BATCH NUMBER AND CURE DATE. FOR USE ON SULZER PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
201	0236258	O RING: INSIDE DIAMETER: 109 MM; WIDTH: 5.3 MM; MATERIAL: NBR 70; INDUSTRY STANDARD: ISO 3601; COLOR: BLACK; APPLICATION: PUMP; ITEMS TO BE INDIVIDUALLY PACKED IN A BLACK SEALED POLYURETHANE BAG AND KITS AS A SET. FOR SHELF LIFE CONROL,EACH BAG TO BE CLEARLY MARKED WITH CONTENTS, QUANTITY, BATCH NUMBER AND CURE DATE. FOR USE ON SULZER PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10
202	0236259	O RING: INSIDE DIAMETER: 170 MM; WIDTH: 5.3 MM; MATERIAL: NBR 70; INDUSTRY STANDARD: ISO 3601; COLOR: BLACK; APPLICATION: PUMP; SUPPL P/N: 021-703-017-001; 412-10; MODEL NO: BDC300-425; ITEMS TO BE INDIVIDUALLY PACKED IN A BLACK SEALED POLYURETHANE BAG AND KITS AS A SET. FOR SHELF LIFE CONROL,EACH BAG TO BE CLEARLY MARKED WITH CONTENTS, QUANTITY, BATCH NUMBER AND CURE DATE. FOR USE ON SULZER PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	10

2.1 Purchaser's design

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

The Supplier must supply as per the item description and as and when required to do so.

2.3 Other requirements of the *Supplier's* design

2.4 Use of *Supplier's* design

2.5 Manufacture & fabrication

All materials to comply to Eskom standards

2.6 Factory acceptance testing (FAT)

The Purchaser may request FAT and material inspection

2.7 Other tests and inspections and commissioning in place of use

Quality control checks documentation is in place at Arnot Power Station at the Main Store (Receiving)

2.8 Operating manuals and maintenance schedules

3 Supply Requirements

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

4 Specification of the *services* to be provided

All materials to comply with Eskom standards.

5 Constraints on how the *Supplier* Provides the Goods

5.1 Programming constraints

5.2 Work to be done by the Delivery Date

All goods are to be delivered as per the quantity required and quality check to be done after every delivery

5.3 Marking the *goods*

5.4 Constraints at the delivery place and place of use

The **Seals and O_rings** must be delivered at Arnot Power Station Stores between Monday and Thursday at 09:00 to 15:00. On Friday, between 9:00 and 12:00

5.5 Cooperating with Others

The Supplier must fully co-operate with the Purchaser's team during off-loading at the project site

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

5.7 Management meetings

Regular meetings of a general nature may be convened and chaired by the *Supply Manager* as follows:

Title and purpose	Approximate time & interval	Location	Attendance by:
Risk register and compensation events	On request by Purchaser	Arnot Power Station/ MS Teams	Purchaser and Supplier representative
Overall contract progress and feedback	On request by Purchaser or Supplier	Arnot Power Station/ MS Teams	Purchaser and Supplier representative

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

All meetings shall be recorded using minutes or a register prepared and circulated by the person who convened the meeting. Such minutes or register shall not be used for the purpose of confirming actions or instructions under the contract as these shall be done separately by the person identified in the conditions of contract to carry out such actions or instructions.

5.8 Documentation control

All documentation from the Supplier must be provided in hard copy and must also be emailed to the Supply Manager, as per the communication process agreed after contract award.

5.9 Health and safety risk management

The Supplier shall comply with the health and safety requirements:

- Control of noise is through wearing hearing protection
- Dust, dust suppression or as the last resort issue dust mask
- Waste, put waste in the correct waste bin
- Water to be conserve, use as little as possible
- Adhere to all Eskom lifesaving rules

A. Road Safety

- a. Speed limit: 40km/h
- b. By passing Speed humps not allowed
- c. Transporting People at the back of the bakkie is not allowed
- d. Buckle up always
- e. Park only at demarcated areas

B. Sanitation

- a. Toilets for both genders are available at the plant

C. Emergency

- a. The emergency number for Arnot is 013 297 9184 Pax:5184
- b. Emergency alarms are tested every Wednesday 10H00

D. Access

- a. Before access can be granted the following must be met:
- b. SHE Induction attended.

COMPLIANCE TO 5 IDENTIFIED CARDINAL RULES:

Rule1: Open, Isolate, Test, Earth, Bond, and/or Insulate before touch
(That is, any plant operating above 1 000 V)

No person may work on any electrical network unless:

- He/she is trained and authorised as competent for the task to be done.
- A pre-task risk assessment to identify all risks and hazards has been conducted prior to any work commencing.
- An equipotential zone is created for each worker on the job site by earthing, bonding, and/or insulating according to approved procedures.
- All conducting material is connected, all staff on site wear electrical safety shoes, and insulating techniques are applied according to standards; and
- The authorised person (team leader) has certified and shown all team members that the apparatus is safe to work on.

Rule 2: Hook up on heights

Working at height is defined as any work performed above a stable work surface or where a person puts himself/herself in a position where he/she exposes himself/herself to a fall from or into.

No person may work at height where there is a risk of falling unless:

- A pre-task risk assessment to identify all risks and hazards has been conducted prior to commencing any work at height.
- He/she is appropriately trained.
- He/she is appropriately secured during ascending and descending and
- He/she is using an approved fall arrest system where applicable.

Rule 3: Buckle up

No person may drive any vehicle on Eskom business and/or on Eskom premises unless the driver and all passengers are wearing seat belts.

Rule 4: Be Sober

- 1 No person is allowed to work under the influence of drugs and alcohol.
- 2 "Under the influence" means the use of alcohol, drugs, and/or a controlled substance to the extent that
 - 1 He individual's faculties are in any way impaired by the consumption or use of the substances; or
 - 2 The individual is unable to perform in a safe, productive manner; or
 - 3 The individual has a level of any such substance in his/her body that corresponds to or exceeds accepted medical/legal standards; or
 - 4 The individual has a level of alcohol in his/her body that is greater than 0.02% blood alcohol concentration.

This includes any level of an illegal substance in the body, irrespective of when the substance was used.

Rule 5: Ensure that you have a permit to work

Where an authorisation limitation exists, no person shall work without the required Permit to Work (PTW), which is governed by the Plant Safety Regulations, Operating Regulations for High Voltage Systems (ORHVS) etc.

No plant is to be returned to service without the cancellation of all permits on that plant in accordance with procedure.

NB: In the case of live work, a "live work declaration form" is to be completed by the authorised person who is the person responsible for the safe execution of work according to relevant standards and procedures.

Please ensure that these rules are understood and communicated with the urgency that they deserve. If any of these rules are unclear or the consequences not understood, please do not hesitate to discuss it with Eskom.

We would like to continue our current partnership and therefore urge your support in the implementation and upholding of these rules.

5.10 Environmental constraints and management

The Supplier shall comply with the health and safety requirements contained the Purchaser's SHE Specification

5.11 Quality

Quality check sheet should be in place.

The Supplier will be expected to comply with Supplier Quality Management Specification 240-105658000 (previously called QM58) and ISO: 9001 requirements and other Eskom Holdings SOC Limited's Standards and specifications.

5.12 Invoicing and payment

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

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

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

Detailed tax invoice, clearly showing: Eskom Holdings SOC LTD Electronic copy to Finance Shared Services Megawatt Park
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5.13 Insurance provided by the *Purchaser*

Refer to Annexure B – Insurance to be provided by the Purchaser

5.14 Contract change management

Clause 6 Compensation events of the NEC3 Supply Contract will apply to all changes in this contract.

5.15 Provision of bonds and guarantees

Not Applicable

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

All records and quality documentation must be provided in hard copy and must be electronically emailed to the Supply manager

6 Procurement

6.1 Subcontracting

6.1.1 Preferred subcontractors

SC does not make use of nominated subcontracting, but the *Purchaser* may list which subcontractors or sub-suppliers the *Supplier* is required to enter into subcontracts with (if any). This is usually only required where plant and materials need to be obtained from a particular supplier or group of suppliers in order to comply with operational standards for the *goods*.

6.1.2 Limitations on subcontracting

6.1.3 Spares and consumables

6.1.4 Other requirements related to procurement

6.1.5 Cataloguing requirements by the *Supplier*

7 List of drawings

7.1 Drawings issued by the *Purchase*

C3.2 *SUPPLIERS* GOODS INFORMATION

THIS SECTION OF THE GOODS INFORMATION WILL ALWAYS BE CONTRACT SPECIFIC DEPENDING ON THE NATURE OF THE GOODS AND SERVICES. IT IS MOST LIKELY TO BE REQUIRED FOR SUPPLY CONTRACTS WHERE THE TENDERING SUPPLIER WILL HAVE PROPOSED SPECIFICATIONS AND SCHEDULES FOR THE GOODS AND SERVICES, WHICH ONCE ACCEPTED BY THE PURCHASER PRIOR TO AWARD OF CONTRACT NOW BECOME OBLIGATIONS OF THE SUPPLIER PER CORE CLAUSE 20.1.

THIS SECTION COULD ALSO BE COMPILED AS A SEPARATE FILE.