

SUPPLY AND DELIVERY OF ROTATING EQUIPMENT & POWER TRANSMISSION ON A ONCE-OFF BASIS TO LETHABO POWER STATION.



NEC3 Supply Contract (SC3)

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

and
(Reg No. _____)

for **SUPPLY AND DELIVERY OF ROTATING EQUIPMENT
& POWER TRANSMISSION ON A ONCE-OFF BASIS TO
LETHABO POWER STATION.**

Contents:	No of pages
Part C1 Agreements & Contract Data	2
Part C2 Pricing Data	23
Part C3 Scope of Work	36

CONTRACT No.

SUPPLY AND DELIVERY OF ROTATING EQUIPMENT & POWER TRANSMISSION ON A ONCE-OFF BASIS TO LETHABO POWER STATION.

PART C1: AGREEMENTS & CONTRACT DATA

Contents:	No of pages
C1.1 Form of Offer and Acceptance	3
C1.2a Contract Data provided by the <i>Purchaser</i>	6
C1.2b Contract Data provided by the <i>Supplier</i>	18
C1.3 Proforma Guarantees	20

SUPPLY AND DELIVERY OF ROTATING EQUIPMENT & POWER TRANSMISSION ON A ONCE-OFF BASIS TO LETHABO POWER STATION.

C1.1 Form of Offer & Acceptance

Offer

The Purchaser, identified in the Acceptance signature block, has solicited offers to enter into a contract for the procurement of:

The Supply and Delivery of Rotating Equipment & Power Transmission on a Once-off basis to Lethabo Power Station

The tenderer, identified in the Offer signature block, has

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

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

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

Note: This agreement is concluded on an "as and when required" basis. Accordingly, the contract price indicated above is an estimate only and shall not be interpreted as a fixed or guaranteed amount of work or payment.

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*.

SUPPLY AND DELIVERY OF ROTATING EQUIPMENT & POWER TRANSMISSION ON A ONCE-OFF BASIS TO LETHABO POWER STATION.

SUPPLY AND DELIVERY OF ROTATING EQUIPMENT & POWER TRANSMISSION ON A ONCE-OFF BASIS TO LETHABO POWER STATION.

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

**Power Station General Manager:
Lethabo Power Station**

**for the
Purchaser**

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

Name &
signature of
witness

Date

SUPPLY AND DELIVERY OF ROTATING EQUIPMENT & POWER TRANSMISSION ON A ONCE-OFF BASIS TO LETHABO POWER STATION.

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

Note:

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

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

By the duly authorised representatives signing this Schedule of Deviations below, the Purchaser and the tenderer agree to and accept this Schedule of Deviations as the only deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Tender Schedules, as well as any confirmation, clarification or changes to the terms of the Offer agreed by the tenderer and the Purchaser during this process of Offer and Acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the tenderer of a completed signed copy of this Form shall have any meaning or effect in the contract between the parties arising from this Agreement.

For the tenderer:

For the Purchaser

Signature _____

Name _____

Capacity _____

On behalf of _____
(Insert name and address of organisation)

Name & signature of witness _____

Date _____

Power Station General Manager: Lethabo Power Station
Eskom Holdings SOC Ltd, Megawatt Park, Maxwell Drive, Sandton, Johannesburg, 2199

SUPPLY AND DELIVERY OF ROTATING EQUIPMENT & POWER TRANSMISSION ON A ONCE-OFF BASIS TO LETHABO POWER STATION.

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	
		X2 Changes in the law X7: Delay damages X17: Low performance damages Z: <i>Additional conditions of contract</i>
	of the NEC3 Supply Contract (April 2013) ²	(If the December 2009 edition is to be used delete April 2013 and replace by December 2013)
10.1	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.	011 800 8111
	Fax No.	N/A
10.1	The <i>Supply Manager</i> is (name):	TBC
	Address	Lethabo Power Station Private Bag X 415 Vereeniging 1830
	Tel	+27 16 457 5267
	Fax	N/A
	e-mail	TBC
11.2(13)	The <i>goods</i> are	Rotating Equipment & Power Transmission
11.2(14)	The following matters will be included in the Risk Register	• Unavailability of Access to site due to road closure. • Unavailability of personnel or resources to offload

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

SUPPLY AND DELIVERY OF ROTATING EQUIPMENT & POWER TRANSMISSION ON A ONCE-OFF BASIS TO LETHABO POWER STATION.

- Industrial action onsite

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	Two (2) working days after notification	
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.	To be confirmed upon contract placement	
30.1	The <i>delivery date</i> of the <i>goods and services</i> is:	<i>goods and services</i>	<i>delivery date</i>
		1 Rotating Equipment & Power Transmission	As stipulated on the purchase order
30.2	The <i>Supplier</i> does not bring the <i>goods</i> to the Delivery Place more than one week before the Delivery Date.	To be agreed by both parties as and when event arise	
31.1	The <i>Supplier</i> is to submit a first programme for acceptance within	One (1) week after kick-off meeting	
32.2	The <i>Supplier</i> submits revised programmes at intervals no longer than	One (1) week.	
4	Testing and defects		
42	The <i>defects date</i> is	Fifty-two (52) weeks after Delivery of each purchase order.	
43.2	The <i>defect correction period</i> is	The Supplier corrects notified Defects within 1 week of the defect being notified to the Supplier by the Supply Manager or his/her delegate or such longer period as is reasonable under the circumstances and agreed by the Parties. Purchaser shall provide access to the Supplier to collect the defected goods for correction or replacement. Supplier shall be liable for Supplier's own costs incurred as a result of such action only	
	and the <i>defect correction period</i> for	Five (5) working days	

SUPPLY AND DELIVERY OF ROTATING EQUIPMENT & POWER TRANSMISSION ON A ONCE-OFF BASIS TO LETHABO POWER STATION.

5 Payment

50.1	The <i>assessment interval</i> is	Between the 25th day of each successive month.
51.1	The <i>currency of this contract</i> is the	South African Rand
51.2	The period within which payments are made is	Thirty days after assessment and receipt of undisputed contractor tax invoice ATTENTION: Eskom's standard policy on payment term for all contracts valued above R50 000 0000 (Fifty Million Rand), including VAT, is 60 days. Bidders are requested to bear this payment term in mind when submitting bids and concluding contracts.
51.4	The <i>interest rate</i> is	the publicly quoted prime rate of interest (calculated on a 365-day year) charged from time to time by the Standard Bank of South Africa Limited (as certified, in the event of any dispute, by any manager of such bank, whose appointment it shall not be necessary to prove) for amounts due in Rands and

6	Compensation events	Refer to Clause 6 of the NEC3 SC
7	Title	Refer to Clause 7 of the NEC3 SC
8	Risks, liabilities, indemnities and insurance	
80.1	These are additional <i>Purchaser's</i> risks	1. Obsolete Goods 2. Preservation 3. Change in the works information
88.1	The <i>Supplier's</i> liability to the <i>Purchaser</i> for indirect or consequential loss, including loss of profit, revenue and goodwill is limited to	R0.0 (zero Rand)
88.2	For any one event, the <i>Supplier's</i> liability to the <i>Purchaser</i> for loss of or damage to the <i>Purchaser's</i> property is limited to	(1) for the <i>Purchaser's</i> existing and surrounding property in the care, custody and control of the <i>Supplier</i> the amount of the deductible (first amount payable) relevant to the event and (2) for all other existing <i>Purchaser's</i> property the applicable deductible as at contract date
88.3	The <i>Supplier's</i> liability for Defects due to his design which are not notified before the last <i>defects date</i> is limited to:	N/A
88.4	The <i>Supplier's</i> total liability to the	The value of the contract price

SUPPLY AND DELIVERY OF ROTATING EQUIPMENT & POWER TRANSMISSION ON A ONCE-OFF BASIS TO LETHABO POWER STATION.

Purchaser, for all matters arising under or in connection with this contract, other than the excluded matters, is limited to

88.5	The <i>end of liability date</i> is	One (1) year after Delivery of the whole of the goods and services per purchase order goods and services .
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9 Termination and dispute resolution

90.1		NEC3 core clause 9 shall be applied for termination
		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.
94.1	The <i>Adjudicator</i> is	the person selected from the ICE-SA Division (or its successor body) of the South African Institution of Civil Engineering Panel of Adjudicators by the Party intending to refer a dispute to him. (see www.ice-sa.org.za). If the Parties do not agree on an Adjudicator the Adjudicator will be appointed by the Arbitration Foundation of Southern Africa (AFSA).
	Address	To be known once the dispute arises
	Tel No.	To be known once the dispute arises
	Fax No.	To be known once the dispute arises
	e-mail	To be known once the dispute arises
94.2(3)	The <i>Adjudicator nominating body</i> is:	the Chairman of ICE-SA, a Division of the South African Institution of Civil Engineering, or its successor body (See www.ice-sa.org.za)
94.4(2)	The <i>tribunal</i> is:	Arbitration
94.4(5)	The <i>arbitration procedure</i> is	the latest edition of Rules for the Conduct of Arbitrations published by The Association of Arbitrators (Southern Africa) or its successor body.
94.4(5)	The place where arbitration is to be held is	Johannesburg, 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
	- if the arbitration procedure does not state who selects an arbitrator, is	of the Association of Arbitrators (Southern Africa) or its successor body.

SUPPLY AND DELIVERY OF ROTATING EQUIPMENT & POWER TRANSMISSION ON A ONCE-OFF BASIS TO LETHABO POWER STATION.

10	Data for Option clauses		
X2	Changes in the law	Refer to clause X2 of the NEC3 SC	
X2.1	A change in the law of	The Republic of South Africa	
X7	Delay damages		
X7.1	Delay damages for Delivery are	Delivery of	amount per day
		Delay damages shall be applied per line item, per Purchase Order, for each day from the required delivery date until the actual delivery date, subject to a maximum aggregate delay damages amount of 10% of the value of the affected line item on the Purchase Order.	2% per day
X17	Low performance damages		
X17.1	The amounts for low performance damages are:	Percentage per line item up to a maximum of 10%	Performance level
		1% per day	for delivery of incorrect specification (Material)
		1% per day	for not meeting quality standards including documents
Z	The additional conditions of contract are		
	Z1 to Z15 always apply for Eskom		

Z1 Cession delegation and assignment

- Z1.1 The *Supplier* does not cede, delegate or assign any of its rights or obligations to any person without the written consent of the *Purchaser*.
- Z1.2 Notwithstanding the above, the *Purchaser* may on written notice to the *Supplier* cede and delegate its rights and obligations under this contract to any of its subsidiaries or any of its present divisions or operations which may be converted into separate legal entities as a result of the restructuring of the Electricity Supply Industry.

Z2 Joint ventures

- Z2.1 If the *Supplier* constitutes a joint venture, consortium or other unincorporated grouping of two or more persons or organisations then these persons or organisations are deemed to be jointly

SUPPLY AND DELIVERY OF ROTATING EQUIPMENT & POWER TRANSMISSION ON A ONCE-OFF BASIS TO LETHABO POWER STATION.

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.

SUPPLY AND DELIVERY OF ROTATING EQUIPMENT & POWER TRANSMISSION ON A ONCE-OFF BASIS TO LETHABO POWER STATION.

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

SUPPLY AND DELIVERY OF ROTATING EQUIPMENT & POWER TRANSMISSION ON A ONCE-OFF BASIS TO LETHABO POWER STATION.

limited to R0.00 (zero Rand)

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

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

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

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

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

Z12 Ethics

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

Affected Party	means, as the context requires, any party, irrespective of whether it is the <i>Supplier</i> or a third party, such party's employees, agents, or Subcontractors or Subcontractor's employees, or any one or more of all of these parties' relatives or friends,
Coercive Action	means to harm or threaten to harm, directly or indirectly, an Affected Party or the property of an Affected Party, or to otherwise influence or attempt to influence an Affected Party to act unlawfully or illegally,
Collusive Action	means where two or more parties co-operate to achieve an unlawful or illegal purpose, including to influence an Affected Party to act unlawfully or illegally,
Committing Party	means, as the context requires, the <i>Supplier</i> , or any member thereof in the case of a joint venture, or its employees, agents, or Subcontractors or the Subcontractor's employees,
Corrupt Action	means the offering, giving, taking, or soliciting, directly or indirectly, of a good or service to unlawfully or illegally influence the actions of an Affected Party,
Fraudulent Action	means any unlawfully or illegally intentional act or omission that misleads, or attempts to mislead, an Affected Party, in order to obtain a financial or other benefit or to avoid an obligation or incurring an obligation,
Obstructive Action	means a Committing Party unlawfully or illegally destroying, falsifying, altering or concealing information or making false statements to materially impede an investigation into allegations of Prohibited Action, and
Prohibited Action	means any one or more of a Coercive Action, Collusive Action Corrupt Action, Fraudulent Action or Obstructive Action.

Z12.1 A Committing Party may not take any Prohibited Action during the course of the procurement of this contract or in execution thereof.

Z12.2 The *Purchaser* may terminate the *Supplier's* obligation to Provide the Services if a Committing Party has taken such Prohibited Action and the *Supplier* did not take timely and appropriate action to prevent or remedy the situation, without limiting any other rights or remedies the *Purchaser* has. It is not required that the Committing Party had to have been found guilty, in

SUPPLY AND DELIVERY OF ROTATING EQUIPMENT & POWER TRANSMISSION ON A ONCE-OFF BASIS TO LETHABO POWER STATION.

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

SUPPLY AND DELIVERY OF ROTATING EQUIPMENT & POWER TRANSMISSION ON A ONCE-OFF BASIS TO LETHABO POWER STATION.

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

SUPPLY AND DELIVERY OF ROTATING EQUIPMENT & POWER TRANSMISSION ON A ONCE-OFF BASIS TO LETHABO POWER STATION.

Nuclear Material Damage and Business Interruption	Per the insurance policy document
Nuclear Material Damage Terrorism	Per the insurance policy document

Z14 Nuclear Liability

- Z14.1 The *Purchaser* is the operator of the Koeberg Nuclear Power Station (KNPS), a nuclear installation, as designated by the National Nuclear Regulator of the Republic of South Africa, and is the holder of a nuclear licence in respect of the KNPS.
- Z14.2 The *Purchaser* is solely responsible for and indemnifies the *Supplier* or any other person against any and all liabilities which the *Supplier* or any person may incur arising out of or resulting from nuclear damage, as defined in Act 47 of 1999, save to the extent that any liabilities are incurred due to the unlawful intent of the *Supplier* or any other person or the presence of the *Supplier* or that person or any property of the *Supplier* or such person at 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.

SUPPLY AND DELIVERY OF ROTATING EQUIPMENT & POWER TRANSMISSION ON A ONCE-OFF BASIS TO LETHABO POWER STATION.

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 effected by an independent, competent, and certified occupational hygiene inspection body, i.e. a SANAS accredited and Department of Employment and Labour approved AAIA. The *Supplier* may perform Parallel Measurements and related control measures at the *Supplier's* expense. For the purposes of compliance the results generated from Parallel Measurements are evaluated only against South African statutory limits as detailed in clause Z15.1. Control measures conform to the requirements stipulated in the AAIA-approved asbestos work plan.
- Z15.3 The *Purchaser* manages asbestos and ACM according to the Standard.
- Z15.4 In the event that any asbestos is identified while Providing the Services, a risk assessment is conducted and if so required, with reference to possible exposure to an airborne concentration of above the AL for asbestos, immediate control measures are implemented and relevant air monitoring conducted in order to declare the area safe.
- Z15.5 The *Supplier's* personnel are entitled to stop working and leave the contaminated area forthwith until such time that the area of concern is declared safe by either Compliance Monitoring or an AAIA approved control measure intervention, for example, per the emergency asbestos work plan, if applicable.
- Z15.6 The *Supplier* continues to Provide the Services, without additional control measures presented, on presentation of Safe Levels. The contractually agreed dates to Provide the Services, including the Completion Date, are adjusted accordingly. The contractually agreed dates are extended by the notification periods required by regulations 3 and 21 of the Asbestos Regulations.
- Z15.7 Any removal and disposal of asbestos, asbestos containing materials and waste, is done by a registered asbestos contractor, instructed by the *Purchaser* at the *Purchaser's* expense, and conducted in line with South African legislation.

SUPPLY AND DELIVERY OF ROTATING EQUIPMENT & POWER TRANSMISSION ON A ONCE-OFF BASIS TO LETHABO POWER STATION.

Annexure A: Supply Requirements

The Supply Requirements for this contract are as follows:

1. The requirements for the supply are	Supply and delivery of Rotating Equipment & Power Transmission on a once—off order to Lethabo Power Station	
2. The requirements for transport are	Roadworthy delivery vehicle that is appropriate to deliver the material as per the scope of work to Lethabo Power Station	
3. The delivery place is	Lethabo Power Station Main Stores	
4. Actions of the Parties during supply	Action	Party which does it
	Giving notice of Delivery	Supplier
	Checking packing and marking before dispatch	Supplier
	Contracting for transport	Supplier
	Pay costs of transport	Supplier
	Arrange access to delivery place	Purchaser
	Loading the <i>goods</i>	Supplier
	Unloading the <i>goods</i>	Supplier
For international procurement	Undertake export requirements	Supplier
	Undertake import requirements	Supplier
5. Information to be provided by the Supplier	Title of document	
	Packing lists for cases and their contents	
	Copy of invoice for the <i>goods</i>	
	Delivery Note	
	Test results and maintenance manuals	
For international procurement	Licences, authorisations and other formalities associated with export of the <i>goods</i>	
	Air Waybill or Bill of Lading with associated landing, delivery and forwarding order	
	The Bill of Entry endorsed by the importation authority	
	Customs work sheets, showing tax, duties and surcharges which the law of the country into which the <i>goods</i> are being imported requires the importer to pay	
	Invoice from the importation clearing agent showing airline fees, landing charges, wharfage and dock dues as applicable	
	Specify other import documents required by authorised officials.	

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

SUPPLY AND DELIVERY OF ROTATING EQUIPMENT & POWER TRANSMISSION ON A ONCE-OFF BASIS TO LETHABO POWER STATION.

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

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

Clause	Statement	Data				
10.1	The <i>Supplier</i> is (Name): Address Tel No. Fax No.					
11.2(8)	The Goods Information for the <i>Supplier's</i> design is in:					
11.2(11)	The tendered total of the Prices is	R , (in words)				
11.2(12)	The <i>price schedule</i> is in:					
11.2(14)	The following matters will be included in the Risk Register					
25.2	The restrictions to access for the <i>Supply Manager</i> and Others to work being done for this contract are					
30.1	The <i>delivery date</i> of the <i>goods</i> and <i>services</i> is:	<table><tr><th><i>goods and services</i></th><th><i>delivery date</i></th></tr><tr><td>1 [•]</td><td> [•]</td></tr></table>	<i>goods and services</i>	<i>delivery date</i>	1 [•]	[•]
<i>goods and services</i>	<i>delivery date</i>					
1 [•]	[•]					
31.1	The programme identified in the Contract Data is contained in:					
63.2	The <i>percentage for overheads and profit</i> added to the Defined Cost is	%				

³ Either April 2013 or December 2009 Edition as stated by *Purchaser* in Contract Data part 1.

⁴ Available from Engineering Contract Strategies Tel 011 803 3008, Fax 086 539 1902, or www.ecs.co.za

SUPPLY AND DELIVERY OF ROTATING EQUIPMENT & POWER TRANSMISSION ON A ONCE-OFF BASIS TO LETHABO POWER STATION.

PART 2: PRICING DATA
NEC3 Supply Contract

Document reference	Title	No of pages
C2.1	Pricing assumptions	24
C2.2	The <i>price schedule</i>	26

SUPPLY AND DELIVERY OF ROTATING EQUIPMENT & POWER TRANSMISSION ON A ONCE-OFF BASIS TO LETHABO POWER STATION.

C2.1 Pricing assumptions

How goods and services are priced and assessed for payment

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

Identified and defined terms	11	
	11.2	(11) The Prices are the amounts stated in the price column of the Price Schedule. Where a quantity is stated for an item in the Price Schedule, the Price is calculated by multiplying the quantity by the rate.
		(12) The Price Schedule is the <i>price schedule</i> unless later changed in accordance with this contract.
Assessing the amount due	50.2	The amount due is
		- the Price for each lump sum item in the Price Schedule which the <i>Supplier</i> has completed, - where a quantity is stated for an item in the Price Schedule, an amount calculated by multiplying the quantity which the <i>Supplier</i> has completed by the rate, - plus other amounts to be paid to the <i>Supplier</i>, - less amounts to be paid by or retained from the <i>Supplier</i>. Any tax which the law requires the <i>Purchaser</i> to pay to the <i>Supplier</i> is included in the amount due.

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

Function of the Price Schedule

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

Preparing the *price schedule*

Items in the *price schedule* may have been inserted by the *Purchaser* and the tendering supplier should insert any additional items which he considers necessary. Whichever party provides the items in the *price schedule* the total of the Prices is assumed to be fully inclusive of everything necessary to Provide the Goods and Services as described at the time of entering into this contract.

It will be assumed that the tendering supplier has

- Read Pages 8, 11, 12 and Appendix 5 of the SC3 Guidance Notes before preparing the *price schedule*;
- Included in his Prices and rates for correction of Defects (core clause 43.1) as there is no compensation event for this unless the Defect is due to a *Supplier's* risk;
- Spread the cost of doing work he chooses not to list as separate items in the *price schedule* across other Prices and rates in order to fulfil the obligation to Provide the Goods and Services for the tendered total of the Prices;

SUPPLY AND DELIVERY OF ROTATING EQUIPMENT & POWER TRANSMISSION ON A ONCE-OFF BASIS TO LETHABO POWER STATION.

- Understood that there is no adjustment to lump sum prices in the *price schedule* if the amount, or quantity, of work within that lump sum item later turns out to be different to that which the *Supplier* estimated at time of tender. The only basis for a change to the Prices is as a result of a compensation event per clause 60.1;
- Understood that the *Supplier* does not have to allow in his Prices and rates for matters that may arise as a result of a compensation event.

Format of the *price schedule*

Entries in the first four columns in the *price schedule* in section C2.2 are made either by the *Purchaser* or the tendering supplier.

If the *Supplier* is to be paid an amount for the item which is not adjusted if the quantity of work in the item changes, the tendering supplier enters the amount in the Price column only, the Unit, Quantity and Rate columns being left blank.

If the *Supplier* is to be paid an amount for the item which is the rate for the item multiplied by the quantity completed, the tendering *Supplier* enters the rate which is then multiplied by the Quantity to produce the Price, which is also entered.

If the *Supplier* is to be paid an amount for an item proportional to the length of time for which the *goods* and *services* are provided, a unit of time is stated in the Unit column and the length of time (as a quantity of the stated units of time) is stated in the Quantity column.

C2.2 the *price schedule*

Material Number	Description	Unit	Qty	Rate	Price	Lead Times
0041637	MUFFLER: TYPE: COMPRESSOR; CONNECTION: THD 60 MM; LENGTH: 470 MM; MATERIAL: AL DIE CAST; SUPPL P/N: U1500-400-50; OD 150MM, 50MM BSP NIPPLE, DIESEL COMPRESSORS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	11			
0157469	REFRIGERANT: TYPE: FREON; RATING: R22; CONTAINER: CYL 13.6 KG; TRADE NAME: CHLORODIFLOUROMETHANE GAS; REFERENCE NO: FREON22; CHEMEICALS TO BE SUPPLIED WITH MSDS AND SECTION 12 (ECOLOGICAL INFORMATION OF THE MSDS TO BE COMPLETED IN DETAIL) WITH EVERY DELIVERY; THE FOLLOWING IS REQUIRED WITH EVERY DELIVERY; SHELF LIFE; DATE OF MANUFACTURE AND METHOD OF STORAGE	EA	11			
0157502	REFRIGERANT: TYPE: FREON; RATING: R22; CONTAINER: CYL 65 KG; REFERENCE NO: R22; GAS CONTENTS 56.7KG	EA	10			
0177788	BLOWER: TYPE: AIR; CAPACITY: 453 M3/HR; SIZE: 100 MM; POTENTIAL: 380 VAC; CURRENT: 30 A; POWER: 8 KW; REFERENCE NO: SR035; AIR; WADE ROOT; POSITIVE DISPLACEMENT; CAPACITY 453 CML; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2			
0212983	BLOWER: TYPE: AERATION; SIZE: WD 387 X LG 597 X HT 375 MM; POTENTIAL: 380 VAC; SUPPL P/N: 409RAM-J; BLOWER; FOR FLY ASH BUNKER; VOLUME RATING: 12 M3/MIN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF	EA	6			

	APPLICABLE).						
0229679	FAN, ELECTRIC: SIZE: 630 MM; VOLUME RATING: 1.9 M3/S; SPEED: 2945 RPM; BACKWARD AIR CURVED, 11 KW, AIR DENSITY IS 1.00 KG/M3, OPERATING PRESSURE 40 MBAR, MAX TEMPERATURE 20 DEG CELCIUS	EA	2				
0242179	AIR CONDITIONER: TYPE: WALL AIR CONDITIONING UNIT; CAPACITY RATING: 7000 BTU/HR; REFRIGERANT: R134A; POWER SOURCE: 230 V 25 A 2 KW 50/60 HZ; SUPPL P/N: EVE 2000220; MODEL NO: EGO 20 BT 1B; SINGLE PHASE; COOLING CAPACITY: 2 KW; PANEL MOUNTING; WORKING LIMITS AMBIENT AND CABINET TEMPERATURES TO BE BETWEEN 20-55 DEG C; SIZE: WD 405 X HT 999 X THK 237 MM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2				
0242199	FAN, ELECTRIC: TYPE: AXIAL COOLING; SIZE: 800 MM; POTENTIAL: 400 V; CURRENT: 7.3 A; VOLUME RATING: 6.4 M3/S; MATERIAL: STEEL; INSULATION CLASS: F; POLES: 6; DIRECTION: CLOCKWISE; CLASSIFICATION: 2; BLADE QUANTITY: 6; SUPPL P/N: 2CT2806-5EA11-1EJ4; 2CT 2806- 5EA11-1EJ4; INTENDED TO BE MOUNTED ON TRANSFORMER OIL COOLER AND TO BLOW AIR ONTO TRANSFORMER RADIATORS OR BLOCKS OF RADIATORS COMPLY WITH MOTOR SPEC 1PP9113- 6LA90-ZN00 , 3 PHASE AC MOTOR, IP55, CONNECTION: STAR/DELTA, FREQUENCY: 50 HZ, POWER 3 KW, POWER FACTOR 0.75 FOR USE ON SMITH TRANSFORMER IN TAKE ON MOTOR SIDE	EA	2				
0242202	FAN, ELECTRIC: TYPE: AXIAL COOLING; SIZE: 800 MM; POTENTIAL: 400 V; CURRENT: 2.85 A; VOLUME RATING: 4 M2/S; SPEED: 930 RPM; POLES: 6; DIRECTION: CLOCKWISE; SERVICE FACTOR: 2; BLADE QUANTITY: 5; SUPPL P/N: 2CT2806-1GA11-1DG3; INTENDED TO BE MOUNTED ON TRANSFORMER OIL COOLER AND	EA	2				

	TO BLOW AIR ONTO TRANSFORMER RADIATORS OF BLOCKS OF RADIATORS COMPLY WITH E DIN 42 565, IPPSS DEG OF PROTECTION, CONNECTION: STAR/DELTA, FREQUENCY: 50 HZ , POWER: 1.1 KW, POWER FACTOR: 0.74 FOR USE ON TRANSFORMER BLOWING OUT ON MOTOR SIDE						
0253093	BLOWER, ELECTRICAL: TYPE: BARE SHAFT; CAPACITY: 2200 M3/HR; SIZE: 2 IN; POTENTIAL: 380 VAC; POWER: 30 KW; DRAWING NO: 78390021 REV 1; DRESSER ROOTS RAM 418, SPEED 3090 RPM, INLET PRESSURE 85.5 KPA(A), DISCHARGE PRESSURE 115.1 KPA(A), DEFFERENTIAL PRESSURE 30 KPA(G); VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	11				
0528110	BLOWER: CAPACITY: 453 M3/HR; POTENTIAL: 380 V; CURRENT: 32 A; POWER: 15 KW; POSITIVE DISPLACEMENT; GAS HANDLED AIR; OPERATING INTAKE PRESSURE 85 KPA; PRESSURE RISE 45 KPA; MOTOR SPEED 29400 RPM; DRIVE ARRANGEMENT FENNER V BELT AND PULLEY'S; PRESSURE SETTING 50 KPA; IT'S FOR INLET FILTER AIR MAZE 4 CD; THIS MACHINE IS SUPPLIED WITH TWO 50 MM BIRKET PRESSURE RELIEF VALVES WHICH IS FITTED IN THE DISCHARGE LINE TO PROTECT THE BLOWER; 420 ROOTS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2				
0528112	BLOWER: CAPACITY: 905 M3/HR; POTENTIAL: 380 V; CURRENT: 58 A; POWER: 30 KW; POSITIVE DISPLACEMENT; GAS HANDLED AIR; OPERATING INTAKE PRESSURE 85 KPA; PRESSURE RISE 45 KPA; MOTOR SPEED 1470 RPM; DRIVE ARRANGEMENT FENNER V BELT AND PULLEY'S; PRESSURE SETTING 50 KPA; IT'S FOR INLET FILTER AIR MAZE 5 CD; THIS MACHINE IS SUPPLIED WITH	EA	2				

	TWO 32 MM BIRKET PRESSURE RELIEF VALVES WHICH IS FITTED IN THE DISCHARGE LINE TO PROTECT THE BLOWER; M-1200 ROOTS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).					
0600195	FAN, ELECTRIC: TYPE: TRANSFORMER; SIZE: 800 MM; POTENTIAL: 400 V; CURRENT: 7.3 A; VOLUME RATING: 6.4 M3/S; OEM P/N: 6251; 6285	EA	3			
0602818	FAN, ELECTRIC: TYPE: AXIAL; SIZE: 800 MM; POTENTIAL: 400 VAC; CURRENT: 2.85 A; VOLUME RATING: 4 M3/S; SPEED: 915 RPM; INSULATION CLASS: THCL155; REFERENCE NO: 31284010	EA	2			
0611725	KIT, COMPRESSOR REPAIR: TYPE: SERVICE; APPLICATION: COMPRESSOR SVC 600/250; 4000HR SERVICE KIT FOR SVC 600/250 COMPRESSOR18KV BREAKER COMPRESSOR; COMPRISING OF; 1X SUCTION VALVE STAGE 1; 1X PRESSURE VALVE STAGE 1; 1X FILTER CARTRIDGE; 1X CYLINDER STAGE 2 DIA 60MM; 1X SUCTION VALVE STAGE 2; 1 X PRESSURE VALVE STAGE 2; 1X CYLINDER 90MM; 1X CYLINDER STAGE 3 DIA 27MM; 1X SUCTION VALVE STAGE 3; 1X PRESSURE VALVE STAGE 3; 1X CYLINDER STAGE 4 DIA 16MM; 1X SUCTION VALVE STAGE 4; 1X PRESSURE VALVE STAGE 4; 4X GASKET RING UA 16X10X1.5 USIT; 4X COVER GASKET; 2X DISCHARGE VALVE PISTON CPL STAGE 3 AND 4; 2X DISCHARGE VALVE PISTON CPL STAGE 1 AND 2; 1X DISCHARGE VALVE CPL STAGE 1; 1X DISCHARGE VALVE CPL STAGE 2; 1 X DISCHARGE VALVE STAGE 3 AND 4; 1X SOLENOID VALVE 220V 50HZ; 4X O RING 60X2.5; 2X O RING 51X2.5; 2X SUPPORTING RING; 1X FILTER ELEMENT; 1X O RING 74X4; 2X O RING 10X3; 1X GASKET RING UA 16X10X1.5 USIT; 1X COVER GASKET; 1X DISCHARGE VALVE PISTON CPL	EA	2			

0611726	KIT, COMPRESSOR REPAIR: TYPE: 8000 HRS SERVICE; APPLICATION: COMPRESSOR SVC 600/250; COMPRISING OF; 1X OIL PRESSURE SWITCH; 1X GASKET RING U 14X18X7X1.5 USIT; 10X COUPLING BUFFER; 3X CONNECTING ROD CPL STAGE 1;3 AND 4; 1X CONNECTING ROD STAGE 2; 1X PISTON CPL STAGE 1 DIA 110MM SV...600; 1X PISTON CPL STAGE 2 DIA 60MM; PISTON CPL STAGE 3 DIA 27 AND 90; 1X PISTON CPL STAGE 4 DIA 16 AND 90; 1X CYLINDER STAGE 1 DIA 110; 1X SUCTION VALVE STAGE 1; 1X PRESSURE VALVE STAGE 1; 1X FILTER CARTRIDGE; 1X CYLINDER STAGE 2 DIA 60MM; 1X SUCTION VALVE STAGE 2; 1X PRESSURE VALVE STAGE 2; 1X CYLINDER DIA 90MM; 1X CYLINDER STAGE 3 DIA 27MM; SUCTION VALVE STAGE 3; 1X PRESSURE VALVE STAGE 3; 1X CYLINDER DIA 90MM; 1X CYLINDER STAGE 4 DIA 16MM; 1X SUCTION VALVE STAGE 4; 1X PRESSURE VALVE STAGE 4; 1X FAN WHEEL CPL; 4X GASKET RING UA 16X10X1.5 USIT; 2X COVER GASKET; 2X COVER GASKET; 2X DISCHARGE VALVE PISTON CPL STAGE 3 AND 4; 2X DISCHARGE VALVE PISTON CPL STAGE 1 AND 2; 1X DISCHARGE VALVE CPL STAGE 1; DISCHARGE VALVE CPL STAGE 2; 1X DISCHARGE VALVE CPL STAGE 3 AND 4; 1X SOLENOID VALVE 220V 50HZ; 4X O RING 60X2.5; 2X O RING 51X2.5; 2X SUPPORT RING; 1X FILTER ELEMENT; 1X O RING 74X4; 2X O RING 10X3; 1X GASKET RING UA 16X10X1.5 USIT; 1X COVER GASKET; 1X DISCHARGE VALVE PISTON CPL; 1X GASKET SET CPL SVC 600/250; 1X GASKET SET CPL SVD600/250 AND SVD 700/250	EA	2			
0611727	KIT, COMPRESSOR REPAIR: TYPE: 8000 HRS SERVICE; APPLICATION: COMPRESSOR SVD 600/250; 18KV COMPRESSOR; COMPRISING OF; 1X OIL PRESSURE SWITCH; 1X GASKET RING U 14X18X7X1.5 USIT; 10X COUPLING BUFFER; 3X CONNECTING ROD CPL STAGE 1;3 AND 4; 1X CONNECTING ROD STAGE 2; 1X PISTON CPL STAGE 1 DIA 110MM SV...600; 1X PISTON	EA	2			

	CPL STAGE 2 DIA 60MM; PISTON CPL STAGE 3 DIA 27 AND 90; 1X PISTON CPL STAGE 4 DIA 16 AND 90; 1X CYLINDER STAGE 1 DIA 110; 1X SUCTION VALVE STAGE 1; 1X PRESSURE VALVE STAGE 1; 1X FILTER CARTRIDGE; 1X CYLINDER STAGE 2 DIA 60MM; 1X SUCTION VALVE STAGE 2; 1X PRESSURE VALVE STAGE 2; 1X CYLINDER DIA 90MM; 1X CYLINDER STAGE 3 DIA 27MM; SUCTION VALVE STAGE 3; 1X PRESSURE VALVE STAGE 3; 1X CYLINDER DIA 90MM; 1X CYLINDER STAGE 4 DIA 16MM; 1X SUCTION VALVE STAGE 4; 1X PRESSURE VALVE STAGE 4; 1X CYLINDER DIA 90MM; 1X CYLINDER 4 STAGE DIA 16MM; 1X CONCENTRIC VALVE 4 STAGE; 1X FAN WHEEL CPL; 4X GASKET RING UA 16X10X1.5 USIT; 2X COVER GASKET; 2X COVER GASKET; 2X DISCHARGE VALVE PISTON CPL STAGE 3 AND 4; 2X DISCHARGE VALVE PISTON CPL STAGE 1 AND 2; 1X DISCHARGE VALVE CPL STAGE 1; 1X SOLENOID VALVE 220V 50HZ; 4X O RING 60X2.5; 2X O RING 51X2.5; 2X SUPPORT RING; 1X FILTER ELEMENT; 1X O RING 74X4; 2X O RING 10X3; 1X GASKET RING UA 16X10X1.5 USIT; 1X COVER GASKET; 1X DISCHARGE VALVE PISTON CPL; 1X GASKET SET CPL SVC 600/250; 1X GASKET SET CPL SVD600/250 AND SVD 700/250					
0611728	KIT, COMPRESSOR REPAIR: TYPE: 4000 HRS SERVICE; APPLICATION: COMPRESSOR SVD 250/600; 18KV BREAKER COMPRESSOR; COMPRISING OF; 1X SUCTION VALVE STAGE 1; 1X PRESSURE VALVE STAGE 1; 1X FILTER CATRIDGE; 1X SUCTION VALVE STAGE 2; 1X PRESSURE VALVE STAGE 2; 1X SUCTION VALVE STAGE 3; 1X PRESSURE VALVE STAGE 3; 1X PRESSURE VALVE STAGE 3; 1X SUCTION VALVE STAGE 4; 1X PRESSURE VALVE STAGE 4; 1X CONCENTRIC VALVE STAGE 4; 4X GASKET RING UA 16X10X1.5 USIT; 2X COVER GASKET; 2X COVER GASKET; 2X DISCHARGE VALVE PISTON CPL STAGE 3 AND 4; 2X DISCHARGE VALVE PISTON CPL STAGE 1 AND 2; 4X O RING 60X2.5; 2X O RING	EA	2			

	51X2.5; 2X SUPPORT RING; 1X FILTER ELEMENT; 1X O RING 74X4; 2X O RING 10X3; 1X GASKET RING UA 16X10X1.5 USIT; 1X COVER GASKET; 1X DISCHARGE VALVE PISTON CPL; 1X GASKET SET CPL SVC 600/250; 1X GASKET SET CPL SVD 600/250 AND SVD 700/250					
0611729	KIT, COMPRESSOR REPAIR: TYPE: 2000 HRS SERVICE; APPLICATION: COMPRESSOR SVD 600/250; 18KV BREAKER COMPRESSOR; COMPRISING OF; 1X FILTER CARTRIDGE; 1X CYLINDER STAGE 3 DIA 27MM; 1X SUCTION VALVE STAGE 3; 1X PRESSURE VALVE STAGE 3; 1X CYLINDER STAGE 4 DIA 16; 1X SUCTION VALVE STAGE 4; 1X PRESSURE VALVE STAGE 4; 1X CONCENTRIC VALVE STAGE 4; 4X GASKET RING UA 16X10X1.5 USIT; 2X COVER GASKET; 2X COVER GASKET; 2X DISCHARGE VALVE PISTON CPL STAGE 3 AND 4; 2X DISCHARGE VALVE PISTON CPL STAGE 1 AND 2; 1X DISCHARGE VALVE CPL STAGE 1; 4X O RING 60X2.5; 2X O RING 51X2.5; 2X SUPPORT RING; 1X FILTER ELEMENT; 1X O RING 74X4; 2X O RING 10X3; 1X GASKET RING UA 16X10X1.5 USIT; 1X COVER GASKET; 1X DISCHARGE VALVE PISTON CPL; 1X GASKET SET CPL SVC 600/250; 1X GASKET SET CPL SVD 600/250 AND SVD 700/250	EA	2			
0611730	KIT, COMPRESSOR REPAIR: TYPE: 2000 HRS SERVICE; APPLICATION: COMPRESSOR SVC 600/250; 18KV BREAKER COMPRESSOR; COMPRISING OF; 1X FILTER CARTRIDGE; 1X SUCTION VALVE STAGE 3; 1X PRESSURE VALVE STAGE 3; 1X SUCTION VALVE STAGE 4; 1X PRESSURE VALVE; 1X CONCENTRIC VALVE STAGE 4; 4X GASKET RING UA 16X10X1.5 USIT; 2X COVER GASKET; 2X COVER GASKET; 2X DISCHARGE VALVE PISTON CPL STAGE 3 AND 4; 2X DISCHARGE VALVE PISTON STAGE 1 AND 2; 4X O RING 60X2.5; 2X O RING 51X2.5; 2X SUPPORT RING; 1X FILTER ELEMENT; 1X O RING 74X4; 2X O RING; 1X GASKET RING UA 16X10X1.5 USIT; 1X COVER GASKET; 1X DISCHARGE VALVE PISTON CPL	EA	2			

0618956	FAN, ELECTRIC: TYPE: COOLING; SIZE: DIA 288 X LG 383 MM; POTENTIAL: 400 VAC; CURRENT: 0.4 A; VOLUME RATING: 1400 M3/HR; DIRECTION: ANTI CLOCKWISE; REFERENCE NO: SIR4-S51	EA	3			
0633992	BLOWER: TYPE: ROOTS; CAPACITY: 156 M3/HR; POTENTIAL: 380 V; CURRENT: 11.9 A; POWER: 5.5 KW; MODEL NO: BLW80/3; BARE SHAFT MODEL; PRESSURE: 50KPA; MATERIAL: CARBON STEEL; SUPPLIER TO VERIFY THE DIMENSIONS ON SITE; INLET CARTRIDGE FILTER TO BE PROVIDED WITH BLOWER; INSTALLED POWER: 505KW; ABSORBED POWER: 4.33KW; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2			
0659790	COMPRESSOR, AIR: CAPACITY: 600 L/MIN; DISCHARGE PRESSURE: 250 BAR; POTENTIAL: 380 V; POWER: 15 KW; CURRENT: 25 A; VOLUME CAPACITY: 585 L/MIN; SUPPL P/N: SVD 600-250; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2			
0694019	FAN: TYPE: CENTRIFUGAL; DIMENSIONS: LG 710 X HT 755 MM; VOLUME RATING: 0.25 M3/MIN; DRIVER: ELECTRIC MOTOR; SUPPL P/N: 2536 MX 80 112; SUCTION ID 112 X DISCHARGE ID 125MM; DATA SHEET AND MATERIAL CERTIFICATES MUST BE PROVIDED WITH NEW VENT FANS	EA	2			
0694044	FAN: TYPE: CENTRIFUGAL; DIMENSIONS: WD 110 X LG 465 X HT 543 MM; VOLUME RATING: 5 M3/MIN; DRIVER: ELECTRIC MOTOR; SUPPL P/N: MGXIIIB; SUCTION AND DISCHARGE ID 100MM; THE VENT FANS MUST BE ABLE TO HANDLE TURBINE OIL CASTRO PERFECTO THZ 46 AND FIRE RESISTANT FLUID CASTROL ANVOL PE 46 VAPOUR; ALL SEALS MUST BE VITON; ELECTRIC MOTOR MUST NOT BE INCLUDED WITH FAN	EA	3			

0700854	BLOWER, ELECTRICAL: TYPE: HANDHELD; CAPACITY: 2.6 CM3/MIN; SIZE: 525 MM; POTENTIAL: 18 VDC; CURRENT: 3 AH; POWER: 54 W HR; VARIABLE SPEED; CORDLESS BLOWER WITH RECHARGEABLE BATTERY, CHARGER AND DUST BAG; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2			
0703353	AIR CONDITIONER: TYPE: FIXED SPEED; CAPACITY RATING: 13000 BTU; MOUNTING TYPE: WALL; REFRIGERANT: R410; COMPRESSOR UNIT TYPE: ROTARY; CONDENSER COOLING TYPE: AIR; POWER SOURCE: 220-240 V, 1 PH, 50 HZ; MODEL NO: YPGE13C1; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	3			
0039352	ROPE, WIRE: DIAMETER: 16 MM; CONSTRUCTION: 6X36(14/7-7/7/1)F; STRENGTH: 1770 MPA TO 155 KN; ESTIMATED MASS 1.039KG/M; OUTER WIRE DIAMETER 0.90 MM; 1770MPA-155KN/1850MPA-162KN	M	24			
0039354	CHAIN, LOAD RATED: TYPE: STRAIGHT LINK; TRADE SIZE: 10 MM; LOAD RATING: 1 T; LENGTH: 1-10 M; MATERIAL: CS GR 500; REFERENCE NO: 500; CHAIN: 10MM; 30MM INSIDE LENGTH; 36.5MM OUTSIDE WIDTH; GRADE: 500	M	27			
0039464	ROPE, WIRE: DIAMETER: 20 MM; CONSTRUCTION: 6X36(14/7-7/7/1)F; MATERIAL: STL; STRENGTH: 1770-1850 MPA; REFERENCE NO: 6-36F	M	439			
0039608	CLAMP, WIRE ROPE: TYPE: SINGLE GRIP, SINGLE SADDLE; ROPE SIZE: 16 MM; CLAMP MATERIAL: STL GALV; SUPPL P/N: 858082002; CROSBY TO SABS 763, TO THE LATEST EDITION OF SABS 813 AND BEARING THE SABS MARK OF APPROVAL; U-BOLT	EA	23			
0025355	COUPLING, SHAFT: TYPE: RIGID DRIVE; BORE: 50 MM; OUTSIDE DIAMETER: 420 MM; LENGTH: 210	EA	3			

	MM; MATERIAL: AL CAST; SUPPL P/N: 14-5FCU; FLUID-DRIVE.					
0025390	COUPLING, SHAFT HALF: TYPE: FLEXIBLE DRIVE; BORE: 60 MM; OUTSIDE DIAMETER: 221 MM; LENGTH: 72 MM; MATERIAL: STL; BUSH, USED ON THE VULCAN SINCLAIR COUPLING TYPE 20FSU; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2			
0025496	GEARBOX: TYPE: AGITATOR; RATIO: 14:1; SPEED: 45 RPM; POWER: 75 KW; MODEL NO: MT04 APV; REFERENCE NO: 30-388; MIXTEC BRAND, APV KESTNER; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2			
0025706	COUPLING, SHAFT HALF: TYPE: RIGID DRIVE; BORE: UNBORED; OUTSIDE DIAMETER: 140 MM; LENGTH: 130 MM; MATERIAL: STL; SUPPL P/N: 100APC-Z6051/1; TORQUE LIMITER (100AF); USED ON HANSEN TRANSMISSIONS; MAIN EQUIPMENT MILL PA ISOLATING DAMPERS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2			
0025745	COUPLING, SHAFT HALF: TYPE: FLEXIBLE DRIVE; BORE: UNBORED; OUTSIDE DIAMETER: 67 MM; LENGTH: 60 MM; MATERIAL: CI; USED ON DRAUGHT GROUP FANS AND AIR HEATER ELECTRICAL LUBE OIL PUMPS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	4			
0025746	SPIDER, COUPLING: COUPLING TYPE: SPACER; MATERIAL: URETHANE; INSIDE DIAMETER: 16 MM; OUTSIDE DIAMETER: 35 MM; THICKNESS: 40 MM; SUPPL P/N: UNE111; 235/280; REFERENCE NO: UNE111; 235/280; WITH BRASS BUSH; VENDORS ARE	EA	50			

	RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).					
0025912	COUPLING, SHAFT: TYPE: MAAG GEAR; OUTSIDE DIAMETER: 280 MM; MATERIAL: STL; SUPPL P/N: ZES4-5YK; PILOT BORE, ADJUSTABLE LENGTH, FOR USE BETWEEN FEED PUMP AND TURBOGEAR COUPLING	EA	2			
0025931	TIRE: TYPE: COUPLING; MODEL NO: FX120H; PLEASE NOTE !!! TYRE ONLY WITHOUT HARDWARE	EA	13			
0025939	DISC: TYPE: FLUID COUPLING; DIMENSIONS: DIA 183 X THK 12.5 MM; MATERIAL: STL	EA	8			
0026008	GEARBOX: TYPE: REDUCTION; RATIO: 50:1; SPEED: I/P 1455 RPM; POWER: 15 KW; SUPPL P/N: 10WORM UNIT 659; REFERENCE NO: 110-2032; SERVICE 24 HOURS, TYPE BEWGEAR, USED ON CONV 00-WF-41/31/61/51/81/71; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2			
0026016	COUPLING, SHAFT HALF: TYPE: FLEXIBLE DRIVE; BORE: 42 MM; OUTSIDE DIAMETER: 185 MM; LENGTH: 45 MM; MATERIAL: CI; SUPPL P/N: F90; COMPLETE WITH TYRE, FLANGES, HUBS, BOLTS AND TAPERLOCKS, TO BE PACKED AS A SET, OUTSIDE DIAMETER ON THE DRIVE UNIT SHAFT 55MM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	11			
0027117	CHAIN, POWER TRANSMISSION: STYLE: DUPLEX; LENGTH: 1.75 M; PITCH: 25.4 MM; MATERIAL: CS; REFERENCE NO: 16B-2; TYPE ROLLER; COMPLETE WITH MASTER LINK; EUROPEAN STANDARD	EA	11			
0027250	GEAR, SPUR: TYPE: CONDITIONER TANDEM; TEETH: 75; OUTSIDE DIAMETER: 650 MM; BORE: 150 MM; FACE WIDTH: 125 MM; MATERIAL: STL; DRAWING NO: 204/STD/006 REV 1; MATERIAL GRADE C55	EA	5			

	NORMALISED EN10028-2:2006; SUPPLIERS TO COMPLY WITH THE EN10083:2006 STANDARD FOR QUENCHING AND HARDENING WHEN DOING CASE HARDENING; ONLY GEAR TEETH TO BE CASE HARDENED USING INDUCTION HARDENING TO A FACE HARDNESS OF 60 HRC TO A DEPTH OF 1.2 MM TEETH TO BE TEMPERED AFTER; EACH GEAR TO BE STAMPED WITH A UNIQUE ID AS SPECIFIED IN EN10083-2:2006 SECTION 11; THE STEEL GRADE AND GEAR MANUFACTURE DATE NEED TO FORM PART OF THIS UNIQUE ID; TEST SAMPLE TO BE EXPOSED TO THE SAME CONDITIONS OF THE BATCH FOR CERTIFICATE TESTING AS SPECIFIED IN EN10083-2:2006 SECTION 8; 9 AND 10; FULL SURFACE CRACK TESTING AFTER INDUCTION HARDENING OF THE TEETH; GEARS WILL NOT BE ACCEPTED WITHOUT THE HARDNESS CERTIFICATE; MATERIAL CERTIFICATE AND CRACK TESTING RESULTS EN10204 3.1 CERTIFICATE IS REQUIRED; 0.118 DIAMETERAL PITCH; 633 MM PITCH DIAMETER; SPUR DRIVE GEAR COMPLETE WITH DRIVE PARALLEL KEY AND SPUR DRIVEN GEAR COMPLETE WITH TAPERED KEY; 3DP 20 DEGREES PA; SURFACE HARDENED; PITCH DIA: 633 MM; THE ABOVE IS A MATCH SET; COMPLETE WITH DRIVE KEY AND THE DRIVEN GIB HEAD KEY					
0027279	WORM: MATERIAL: STL; REFERENCE NO: 525156-84; USED ON PURIFIER; TYPE ALFA LAVAL MAB209S; LENGTH: 505 MM; TYPE WHEEL	EA	2			
0027427	COUPLING: TYPE: TOOTH RIM; SIZE: ID 26 X OD 54 X HT 14 MM; MATERIAL: RUBBER; SUPPL P/N: 538574-02; THE FOLLOWING IS REQUIRED WITH EVERY DELIVERY; SHELF LIFE; DATE OF MANUFACTURE AND METHOD OF STORAGE	EA	4			
0027483	GEARBOX: TYPE: REDUCTION; APPLICATION: ACTUATOR; REFERENCE NO: M77393E0011B02Z001; WORM	EA	2			

	GEAR; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).					
0027486	GEARBOX: TYPE: REDUCTION; APPLICATION: ACTUATOR ELECTRIC; WORM GEAR; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2			
0027503	PINION: TYPE: SPUR; DIMENSIONS: ID 49 X OD 136 X WD 40 MM; MATERIAL: STL; NUMBER OF TEETH: 15; REFERENCE NO: 519-130; USED ON THE MOVING HEAD ON THE ASH HANDLING PLANT, DIAMETRAL PITCH 0.125, PITCH DIAMETER 120MM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	11			
0027507	GEARBOX: TYPE: REDUCTION; RATIO: 1235:1; SPEED: I/P 1139 RPM; POWER: 0.18 KW; REFERENCE NO: SPJ10478; MA14F; NUMBER 80/09, HP 0.25/12.36; TYPE BONIFIGIOLI BOLOGNA ITALY WVF 130.14; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2			
0028462	BELT, V: TOP WIDTH: 10 MM; THICKNESS: 8 MM; SUPPL P/N: 10NSPZ2690; PITCH 2690MM CIRCUMFERENCE	EA	16			
0028516	BELT, V: TOP WIDTH: 13 MM; THICKNESS: 10 MM; SUPPL P/N: 13NSPA1400; 1400MM PITCH CIRCUMFERENCE	EA	11			
0028520	BELT, V: TOP WIDTH: 10 MM; THICKNESS: 8 MM; SUPPL P/N: 10X1600SPN; PITCH 1600MM CIRCUMFERENCE	EA	11			
0028521	BELT, V: TOP WIDTH: 13 MM; THICKNESS: 10 MM; SUPPL P/N: 13NSPA2000; 2000MM PITCH CIRCUMFERENCE, SUPPLIER GOODYEAR TYRE AND RUBBER	EA	20			

0028684	V BELT SET: NUMBER OF BELTS: 4; SUPPL P/N: 16NSPB4060; TO BE BUNDLED AND MARKED, MATCHED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	20			
0028689	BELT, V: TOP WIDTH: 13 MM; THICKNESS: 10 MM; SUPPL P/N: 13NSPA1500; PITCH 1500MM CIRCUMFERENCE	EA	6			
0028724	BELT, V: TOP WIDTH: 10 MM; THICKNESS: 8 MM; SUPPL P/N: 10NSPZ1520; PITCH 1520MM CIRCUMFERENCE	EA	22			
0028725	BELT, V: TOP WIDTH: 10 MM; THICKNESS: 8 MM; SUPPL P/N: 10NSPZ2030; PITCH 2030MM CIRCUMFERENCE	EA	13			
0028750	BELT, V: TOP WIDTH: 13 MM; THICKNESS: 10 MM; REFERENCE NO: A63; PITCH 1640MM CIRCUMFERENCE	EA	17			
0028756	BELT, V: TOP WIDTH: 13 MM; THICKNESS: 8 MM; SUPPL P/N: VB13X8X1940; PITCH 1940MM CIRCUMFERENCE	EA	26			
0028793	BELT, V: TOP WIDTH: 10 MM; THICKNESS: 8 MM; SUPPL P/N: 10NSPZ1800; 1800MM PITCH CIRCUMFERENCE	EA	24			
0028796	BELT, V: TOP WIDTH: 10 MM; THICKNESS: 8 MM; SUPPL P/N: 10NSPZ2410; PITCH 2410MM CIRCUMFERENCE	EA	13			
0028805	BELT, V: TYPE: PULLEY; INSIDE CIRCUMFERENCE: 1016 MM; OUTSIDE CIRCUMFERENCE: 1.06 M; TOP WIDTH: 17 MM; MATERIAL: RUBBER; THICKNESS: 11 MM; SUPPL P/N: VB17X11X1060	EA	11			
0028863	BELT, V: TOP WIDTH: 13 MM; THICKNESS: 10 MM; SUPPL P/N: 13NSPA1600; PITCH 1600MM CIRCUMFERENCE	EA	24			
0028938	BELT, V: TOP WIDTH: 13 MM; THICKNESS: 10 MM; SUPPL P/N: 13NXSPA2240; REFERENCE NO: SPA; 2240MM PITCH CIRCUMFERENCE, NOTE - PLEASE ENSURE THAT BELTS ARE ALL OF THE SAME LOT NUMBER;	EA	18			

	SUPPLIER GOODYEAR TYRE AND RUBBER					
0028959	V BELT SET: NUMBER OF BELTS: 4; SUPPL P/N: 16NSPB2530; TO BE BUNDLED AND MARKED, MATCHED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	12			
0037802	GEARBOX: TYPE: SPEED REDUCER; RATIO: 64:1; SPEED: 1420 RPM; POWER: 3 KW; REFERENCE NO: MVF150P; 1A19883; BELT DRIVE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2			
0038348	SPIDER, COUPLING: COUPLING TYPE: FLEXIBLE; MATERIAL: RUBBER; INSIDE DIAMETER: 180 MM; OUTSIDE DIAMETER: 185 MM; THICKNESS: 59 MM; REFERENCE NO: 265; TYPE NORMEX; THE FOLLOWING IS REQUIRED WITH EVERY DELIVERY; SHELF LIFE; DATE OF MANUFACTURE AND METHOD OF STORAGE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	3			
0038351	SPIDER, COUPLING: COUPLING TYPE: FLEXIBLE; MATERIAL: RUBBER; INSIDE DIAMETER: 165 MM; OUTSIDE DIAMETER: 175 MM; THICKNESS: 54 MM; REFERENCE NO: 240; TYPE NORMEX; THE FOLLOWING IS REQUIRED WITH EVERY DELIVERY; SHELF LIFE; DATE OF MANUFACTURE AND METHOD OF STORAGE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	6			
0038633	COUPLING, SHAFT FLEXIBLE: TYPE: TURBOFLEX; BORE DIAMETER: 202 MM; MATERIAL: RUBBER; REFERENCE NO: 260BTW GB; F120; SIZE OD 308MM X WD 95MM; VENDORS ARE	EA	11			

	RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).					
0041402	COUPLING, SHAFT: TYPE: WINFLEX; BORE: 180 MM; OUTSIDE DIAMETER: 415 MM; LENGTH: 155 MM; MATERIAL: STL; SUPPL P/N: 28 T; 28T; 1 COUPLING= 2 HALVES, LOW SPEED HUB	EA	2			
0044260	COLLAR: DIMENSIONS: ID 124 X OD 360 X THK 56 MM; MATERIAL: STL; TYPE: THRUST; SPECIAL FEATURES: NONE; SUPPL P/N: 384-01; 104-128-298-001; MODEL NO: HPTPOK350-405-4S/33; REFERENCE NO: 384-01; 104-128-298-001; FOR USE ON SULZER 100PCT FEED PUMP	EA	2			
0044357	COLLAR: DIMENSIONS: ID 81 X OD 370 X THK 43 MM; MATERIAL: STL; TYPE: THRUST; SPECIAL FEATURES: NONE; SUPPL P/N: 384-01; MODEL NO: HPTPOK250-305-5S/33; REFERENCE NO: 384-01; 104-128-297-001; FOR USE ON SULZER FEED PUMP	EA	5			
0044509	COUPLING, SHAFT HALF: TYPE: FLEXIBLE DRIVE; BORE: 32 MM; OUTSIDE DIAMETER: 110 MM; LENGTH: 80 MM; MATERIAL: CI; SUPPL P/N: HRC 110; COMPLETE WITH TAPER LOCKS FOR KSB PUMPS NO KWPK TYPE KWPK 65-200, TYPE: EUPEX N95; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	11			
0048699	COUPLING, SHAFT FLEXIBLE: BORE DIAMETER: 42 X 22.225 MM; MATERIAL: NYLON; NYLICON TYPE, 88 MM OUTSIDE DIAMETER, 42 MM LENGTH, BORED AND KEYWAYED, FOR USE WITH DAVID BROWN MILL GEAR BOX LUBRICATING OIL PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	50			
0050840	COUPLING, SHAFT: TYPE: RIGID DRIVE; BORE: 22 MM; OUTSIDE	EA	11			

	DIAMETER: 86 MM; LENGTH: 300 MM; MATERIAL: CI; SIZE 105, SERIES 1140, FOR USE ON VARLEY SHAFT PUMP FOR AIR HEATERS AND DRAUGHT GROUPS ON BOILERS					
0057037	INSERT, COUPLING: TYPE: CLARIFIERS; SIZE: MMS1600; MATERIAL: RUBBER; REFERENCE NO: MMS1600; SIZE IRREGULAR; THE FOLLOWING IS REQUIRED WITH EVERY DELIVERY; SHELF LIFE; DATE OF MANUFACTURE AND METHOD OF STORAGE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	24			
0058424	COUPLING, SHAFT: TYPE: FLEXIBLE DRIVE; BORE: 32 MM; MATERIAL: RUBBER; REFERENCE NO: FXF60; COMPLETE WITH TAPER LOCK; PUMP SHAFT OD 32MM AND MOTOR SHAFT OD 42MM	EA	9			
0059084	COUPLING, SHAFT HALF: TYPE: DRIVE; BORE: 80 MM; OUTSIDE DIAMETER: 155 MM; LENGTH: 215 MM; MATERIAL: STL; USED ON THE ELECTRIC MOTOR/PUMP TYPE ROTEX 110KW ON THE VARIABLE SPEED ON THE CSYSURGE BIN TRANSFER CONVEYORS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	11			
0092910	KEY STOCK: WIDTH: 16 MM; LENGTH: 3 M; THICKNESS: 16 MM; MATERIAL: MS SMOOTH FINISH	EA	5			
0097538	COUPLING, SHAFT FLEXIBLE: TYPE: DRIVE; BORE DIAMETER: 55 MM; MATERIAL: RUBBER; SUPPL P/N: 519532-01; 100 MM OUTSIDE DIAMETER, 20 MM LENGTH, ELASTIC PLATE, USED ON THE OIL SEPERATOR PURIFIER TYPE MAB204S; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	3			
0110012	SPRING: TYPE: COUPLING;	EA	12			

	DIMENSIONS: WD 71 X LG 200 MM; MATERIAL: STL; GRID SET 2T, FOR WINFLEX COUPLING					
0110013	SPRING: TYPE: COUPLING; DIMENSIONS: WD 115 X LG 335 MM; MATERIAL: STL; TYPE GRID SET 43T	EA	2			
0110015	SPRING: TYPE: COUPLING; DIMENSIONS: WD 115 X LG 335 MM; MATERIAL: STL; REFERENCE NO: 28T; GRIT SETS, SIZE 28 TEETH, FOR LOW SPEED WINFLEX COUPLING	EA	5			
0110050	SPRING: TYPE: COUPLING; DIMENSIONS: WD 111 X LG 181 MM; MATERIAL: STL; FOR WINFLEX 5T COUPLING	EA	16			
0112779	COLLAR: DIMENSIONS: ID 80 X OD 252 X THK 30 MM; MATERIAL: STL; TYPE: THRUST; SPECIAL FEATURES: NONE; SUPPL P/N: TCR40125010; MODEL NO: R18KGS; FOR USE ON VOITH TURBO GEAR	EA	4			
0162198	KEY STOCK: WIDTH: 9.5 MM; LENGTH: 3 M; THICKNESS: 9.5 MM; MATERIAL: STL; PROCESS: HOT ROLLED	KG	15			
0162202	KEY STOCK: WIDTH: 12.7 MM; LENGTH: 4 M; THICKNESS: 12.7 MM; MATERIAL: KEY STL; 1,256 KG/METRE	KG	11			
0174616	INSERT, COUPLING: TYPE: NORMAX FLEXIBLE; SIZE: ID 75 X OD 105 X THK 24 MM; MATERIAL: RUBBER; FEATURE: IRREGULAR; OEM P/N: E112-10 PB75SH; SUPPL P/N: TCR03647064; FOR USE ON AUXILIARY LUBE OIL PUMP COMPLETE 820L/MIN ON VOITH TURBO GEAR R18KGS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	6			
0176829	GEARBOX: TYPE: REDUCTION; RATIO: 30:4.5; SPEED: 2816.4/225 RPM; POWER: 30-4.5 KW; REFERENCE NO: KA150R90LR132SMW; BEWGEAR; KA150R90-LR132; RATING:30-4.5KW; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING	EA	2			

	REVISION NUMBER (IF APPLICABLE).					
0176852	GEARBOX: TYPE: REDUCTION; SPEED: 2798.6/890.5 RPM; POWER: 0.44 KW; 500; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2			
0176940	GEARBOX: TYPE: SPEED INCREASER; RATIO: 75:1; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2			
0176949	ASSEMBLY: TYPE: CLARIFIER GEARBOX; APPLICATION: IMPELLER WATERPLANT; SUPPL P/N: PZB170; REFERENCE NO: 45 M; FLENDER; COMPLETE WITH MOTOR AND GOVERNER	EA	2			
0176961	COUPLING, SHAFT: TYPE: FLUID DRIVE; BORE: 70 MM; OUTSIDE DIAMETER: 454 MM; LENGTH: 464 MM; MATERIAL: AL CAST; SUPPL P/N: TFDMODEL16FCU; INCLUDING BOTH HUBS; BUCKET ELEVATOR; MOTOR DRIVE BOSS MAX BORE 80MM AND GEARBOX OUTPUT HALF MAX BORE 70MM; COMPLETE WITH DRIVE PLATE AND DRIVE BOSS BOLTS X 6; MULTI DISK ASSEMBLY CW 6 BOLTS AND COLLAR; OUTPUT HALF COUPLING OD: 191MM; LENGTH: 67MM; MATERIAL OF HUBS: STL; OIL QUANTITY MAX: 13.6 L	EA	4			
0176973	GEARBOX: TYPE: BEVEL; RATIO: 20:1; SPEED: I/P 1483 RPM; POWER: 18.5 KW; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2			
0177044	GEARBOX: TYPE: SPEED INCREASER; RATIO: 29:1; SPEED: 1450/3000 RPM; POWER: 75 KW; SUPPL P/N: SSS-D27/4543; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2			

0177045	GEARBOX: TYPE: REDUCTION; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2			
0177045	GEARBOX: TYPE: REDUCTION; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2			
0177073	SET: TYPE: TURBO GEAR; MODEL NO: R18KGS; VOITH	EA	2			
0177765	DRIVE: REFERENCE NO: 01NU01D320; END BUNKER CHAIN CONV LH; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2			
0177792	GEARBOX: TYPE: REDUCTION; RATIO: 1400:1; SPEED: 1 RPM; POWER: 61 KW; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2			
0211931	COUPLING: TYPE: FLUID DRIVE; SIZE: 487 MM; MATERIAL: ALUMINIUM; SUPPL P/N: 487TVVS HA/BR; 4 X 2MM NOZZLE; FOR FRONT TRANSFER CONVEYORS	EA	4			
0218261	SPIDER, COUPLING: COUPLING TYPE: HALF; MATERIAL: PU; INSIDE DIAMETER: 12 MM; OUTSIDE DIAMETER: 29 MM; THICKNESS: 34 MM; APPLICATION: DHP TRANSFER CONVEYOR BELT; BARREL SHAPED, STEEL BUSH; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	11			
0219043	BELT, V: TOP WIDTH: 13 MM; THICKNESS: 10 MM; SUPPL P/N: 13N1700; PITCH 1700MM CIRCUMFERENCE	EA	16			
0219044	BELT, V: TOP WIDTH: 13 MM; THICKNESS: 10 MM; SUPPL P/N: 13N1800; PITCH 1800MM CIRCUMFERENCE	EA	18			

0225458	BELT, V: TOP WIDTH: 13 MM; THICKNESS: 10 MM; SUPPL P/N: 13NX1030; PITCH 1030MM CIRCUMFERENCE	EA	11			
0247287	COUPLING, SHAFT: TYPE: TURBO SOFT START; BORE: 100 X 80 MM; OUTSIDE DIAMETER: 761 MM; MATERIAL: ALUMINIUM; SUPPL P/N: V650 TSS; CONNECTION 1: KEY SLOT 28 X 16 MM; CONNECTION 2: KEY SLOT 22 X 14 MM	EA	2			
0528215	GEARBOX: TYPE: HELICAL BEVEL GEARED; RATIO: 291; SPEED: 1470 RPM; POWER: 3.7-5.2 KW; ROTATION DIRECTION: LH; MOTOR A; MOUNTING POSITION FB: M1A; SERVICE FACTOR FB: 1.85/2; COATING SIGN: BLUE GREY; HOLLOW SHAFT: 120 MM; PINION BORE: 55 MM; FLANGE: 550 MM CROSS ANGLE HOLE PATTERN; EXT HOUSING SLIP TORQUE: 32.0; BORE ON INPUT SIDE: 38 MM; CYCLIC DURATION FACTOR: S1; MOTOR: 400V 50.0 HZ; CURRENT: 8.80/11 A; COS-PHI: 0.77/0.80; WIRING DIAGRAM: DT 43 SEPARATED WINDINGS; INSULATING CLASS: IP F55; MOTOR TEMPERATURE: -20+40 DEG C; ACCESS FEATURE MOTOR PROTEC: TF TEMPERATURE SENSOR; KA157 T R7 AR169ML DV169ML8/10 TS/887LP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2			
0528216	GEARBOX: TYPE: BEVEL HELICAL GEAR; RATIO: 291; SPEED: 1470 RPM; POWER: 3.7-5.2 KW; ROTATION DIRECTION: RH; MOUNTING POSITION FB: M1B; SERVICE FACTOR FB: 1.85/2; COATING SIGN: BLUE GREY; HOLLOW SHAFT: 120 MM; PINION BORE: 55 MM; FLANGE: 550 MM CROSS ANGLE HOLE PATTERN; EXT HOUSING SLIP TORQUE: 32; BORE ON INPUT SIDE: 38 MM; CYCLIC DURATION FACTOR: S1; MOTOR: 400V 50 HZ; CURRENT: 8.80/11 A; COS-PHI: 0.77/0.80; WIRING DIAGRAM: DT 43 SEPARATED WINDINGS; INSULATING CLASS: IP F/55; MOTOR TEMPERATURE: -20 TO 40	EA	2			

	DEG C; KA157/T R97 AR169ML DV169ML8/10 TS/887LP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).					
0528270	GEARBOX: TYPE: BEVEL HELICAL GEAR; RATIO: 610; SPEED: 1460 RPM; POWER: 1.3-2 KW; ROTATION DIRECTION: RH; MOTOR A; MOUNTING POSITION FB: M1B; SERVICE FACTOR FB: 1.75/1.75; COATING SIGN: BLUE GREY; HOLLOW SHAFT: 100 MM; PINION BORE: 38 MM; FLANGE: 450 MM CROSS ANGLE HOLE PATTERN; EXT HOUSING SLIP TORQUE: 15. 0; BORE ON INPUT SIDE: 28 MM; CYCLIC DURATION FACTOR: S1; MOTOR: 400V 50 HZ; CURRENT: 3.60/5.10 A; COS-PHI: 0.73/0.80; WIRING DIAGRAM: DT 43 SEPARATED WINDINGS; INSULATING CLASS: IP F/55; MOTOR TEMPERATURE: -20 TO 40 DEG C; KA127 /T R77 AR127 DV127L6/4 ZS/654LP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2			
0553043	GEARBOX: TYPE: T-QHP03 RLN; RATIO: 35.5:1; SPEED: 1483 RPM; POWER: 175 KW; REFERENCE NO: T-QHP03RLN; SF 1.26; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2			
0592658	COUPLING: TYPE: TURBO CONSTANT FILL; SIZE: LG 441 X HT 425 MM; MATERIAL: SILUMIN FERROUS; REFERENCE NO: 366TV; HA/BR ARRANGEMENT PILOT BORE	EA	3			
0600842	GEARBOX: TYPE: ESP OUTLET DAMPER; RATIO: 70:1; SPEED: 24 RPM; POWER: 75 KW; REFERENCE NO: T3064101-002; IW 6; OUTPUT SHAFT MUST BE HOLLOW WITH ID 60 MM; GEARBOX INPUT FLANGE: OD 182 MM; PCD: 140; NUMBER OF HOLES 4 X DIA 17 MM; INPUT SHAFT: OD 20 MM; QUARTER	EA	6			

	TURN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).					
0625033	GEARBOX: TYPE: VERTICAL WORM UNIT DOUBLE REDUCTION; RATIO: 216.33:1; SPEED: 960/4.4074 RPM; POWER: 7.46 KW; APPLICATION: SECONDARY AIR HEATER; ROTATION DIRECTION: CLOCKWISE; SUPPL P/N: DD17; DRAWING NO: A1-101955 REV 0; DOUBLE REDUCTION; PRIMARY RATIO 14.66: 1 (DO800); SECONDARY RATIO 14.75:1 (DV17); DOUBLE ENDED OUTPUT SHAFT; INCLUDE BRITISH SHAFT EXTENSIONS; INPUT SHAFT SIZE 44.450 TO 44.435 MM; OUTPUT SHAFT SIZE IS 139.675 TO 139.700 MM WITH DOUBLE KEYWAYS; INPUT SPEED 960 RPM TO THE GEARBOX WILL BE THE SAME AS THE MOTOR ROTOR SPEED; BASE FRAME SIZE: 1004 BY 1004 MM (D160M); THE GEARBOX OUTPUT SPEED IS 4.4074 RPM WHICH IS FURTHER REDUCED TO 0.8875 THROUGH A GEAR AND PINION; INPUT SHAFT HANDING: INPUT SHAFT TO BE ON RIGHT HAND SIDE WHEN FACING THE GEARBOX. (RY); HEIGHT FROM BASE TO CENTRE OF INPUT SHAFT: 609.6 MM; HEIGHT FROM BASE TO BOTTOM OF OUTPUT SHAFT: 139.6 MM; DISTANCE FROM CENTRE OF OUTPUT SHAFT TO END OF INPUT SHAFT: 774.8 MM; HOLD DOWN BOLT HOLES SIZE: 41.3 MM; INPUT SHAFT KEYWAY WIDTH: 11.176 TO 11.125; OUTPUT SHAFT KEYWAY WIDTH: 38.202 TO 38.100 MM; THE GEARBOX IS USED TO DRIVE AN AIR PRE HEATER IN THE POWER STATION; ATTACH AN OPERATION AND MAINTENANCE BOOKLET; SERIES SIZE: BVD17; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	3			
0628980	RACK, GEAR: PITCH: 8 X DIA 120 MM; FACE WIDTH: 40 MM; LENGTH: 3 M; THICKNESS: 40 MM;	EA	28			

	MATERIAL: STL EN8; DRAWING NO: 0.63/13200 REV 0; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).					
0717582	COUPLING: TYPE: RIGID; SIZE: 350 MM; MATERIAL: STEEL; CONNECTION 1 SIZE: 140 MM; CONNECTION 2 SIZE: 120 MM; REFERENCE NO: 350	EA	2			
0726290	INSERT, FLEXIBLE COUPLING: TYPE: TIRE; SIZE: F90; MATERIAL: RUBBER; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	12			
0781517	GEARBOX: TYPE: WORM; RATIO: 126:1; SPEED: 4 TO 180 RPM; POWER: 0.25 TO 1.5 KW; TYPE; GF125.3; WITH F14 ACTUATOR MOUNTING FLANGE MOUNTING VERSION; LL. DRIVEN BY A MUTLI-TURN ACTUATOR TYPE; SAR 14.1/F14 THIS GEARBOX IS USED TO DRIVE ID FANS RVC. WATER RESISTANT: IP67; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2			
0025293	PLATE: TYPE: DRIVE; DIMENSIONS: ID 115 X OD 372 X THK 3 MM; MATERIAL: STL; SUPPL P/N: 375D; REFERENCE NO: 14-5FCU; FLUID COUPLING	EA	11			
0025534	WHEEL: TYPE: TRAVEL TRAIL CARRIAGE; HUB SIZE: 100 MM; OUTSIDE DIAMETER: 460 MM; WIDTH: 140 MM; MATERIAL: CRMOBDENUM; REFERENCE NO: 1202; 120-Z21-130; USE ON TRIPPER CARRIAGE AND TRAILING CARRIAG E RAIL MOUNTED BOGIE	EA	6			
0025942	PLATE: DIMENSIONS: ID 127 X OD 460 X THK 5 MM; MATERIAL: STL; APPLICATION: FLUID COUPLING DRIVE; SUPPL P/N: 460D	EA	6			
0025942	PLATE: DIMENSIONS: ID 127 X OD 460 X THK 5 MM; MATERIAL: STL; APPLICATION: FLUID COUPLING DRIVE; SUPPL P/N: 460D	EA	6			

0031516	RING: TYPE: CLARIFIER SLEW; INSIDE DIAMETER: 715 MM; OUTSIDE DIAMETER: 980 MM; WIDTH: 100 MM; MATERIAL: STL; DRAWING NO: 2230-25707-45M REV 1; REFERENCE NO: RKS22302-5707XX; WITH OUTER GEARS, FOR SKF BEARING	EA	2			
0037820	COVER: TYPE: BULLSEYE; DIMENSIONS: ID 125 X OD 183 X DP 20 MM; MATERIAL: ALUMINIUM; SUPPL P/N: PT 1-A2-000297; FOR USE ON VOLUMETRIC COAL FEEDER DOORS	EA	7			
0037877	WHEEL: TYPE: GENERAL PURPOSE; HUB SIZE: 25 MM; OUTSIDE DIAMETER: 152 MM; WIDTH: 50 MM; MATERIAL: RUBBER; SOLID, WHITE PVC BUSH IN CENTRE HOLE	EA	94			
0038639	PADDLE: TYPE: ASH CONDITIONER; DIMENSIONS: WD 400 X LG 430 X THK 25 MM; MATERIAL: MS; DRAWING NO: 063/49165 REV 1; 12MM MIN AND 16MM MAX, PLATE CUT AND DRILLED IN ACCORDANCE WITH TEMPLATE HELD AT LETHABO, WEARING FACES TO BE CAPPED WITH TWO PARTS ALUMINIA CERAMIC WEAR RESISTANT MATERIAL EQUIVALENT TO ITU 127, CAPS TO BE REINFORCED WITH EXPANDED METAL FOR BETTER ADHESION; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	96			
0044280	COVER: TYPE: CASING NDE; DIMENSIONS: ID 210 X OD 930 X HT 510 MM; MATERIAL: STL; COLOR: BLACK; APPLICATION: FEED PUMP; SPECIFICATION: ISO 9001; MODEL NO: HPTPOK250-305-5S/33; REFERENCE NO: 104-128-171-202; 163-01; FOR USE ON SULZER 50 PCT ELECTRIC FEED PUMP	EA	2			
0044281	COVER: TYPE: DE; DIMENSIONS: DIA 640 X HT 320 MM; MATERIAL: STL; COLOR: BLACK; APPLICATION: FEED PUMP; SPECIFICATION: ISO 9001; MODEL NO: HPTPOK250-305-5S/33; REFERENCE NO: 104-128-177-202; 161-01; FOR USE ON ELECTRIC FEED PUMP	EA	2			

0070751	BALL: SUPPL P/N: 350-126; UPPER BALL; 6 OFF; USED ON JOHNSON GIRTH GEAR LUBRICATION PUMP	EA	11			
0098150	CONE: TYPE: CLARIFIER; DIMENSIONS: ID 209 X OD 310 X WD 85 MM; MATERIAL: RUBBER; OA 06 OO OA OC NN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	11			
0101250	RING: TYPE: INTERMEDIATE; INSIDE DIAMETER: 410.5 MM; OUTSIDE DIAMETER: 449.5 MM; WIDTH: 3 MM; MATERIAL: STAINLESS STEEL; MODEL NO: HPTPK250-305-5S/33; FOR USE ON ELECTRIC FEED PUMP	EA	16			
0500386	RING: TYPE: BASE; MATERIAL: CI AUSTENITIC; GRADE: 1.4021; APPLICATION: GATE VALVE; COLOR: METALLIC	EA	6			
0563427	CONE: TYPE: SUCTION; DIMENSIONS: DIA 3.3M X DP 980MM; MATERIAL: MILD STEEL; INDUCED DRAUGHT FAN SUCTION CONE; MATERIAL CERTIFICATE MUST BE DELIVERED WITH THE ID FAN SUCTION CONES; DRAWING TO ACCOMPANY THE CONES ON DELIVERY; THIS IS TO BE USED FOR VERIFICATION PURPOSES (VIEWING) AS PART OF THE QUALITY CHECK PROCESS; THE DRAWING NUMBER IS 27/C 40 714; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	2			
0628929	WHEEL: TYPE: RAIL; HUB SIZE: 40 MM; OUTSIDE DIAMETER: 300 MM; WIDTH: 75 MM; MATERIAL: STL BS 3100 CAST; DRAWING NO: 0.63/25598 REV 0	EA	2			
0628931	WHEEL: TYPE: TIRED; HUB SIZE: 120 MM; OUTSIDE DIAMETER: 380 MM; WIDTH: 90 MM; MATERIAL: CI; SUPPL P/N: PH380/75 (120); SHOULDER TO BE MACHINED ON BOTH SIDES OF HUB: 10.5MM DEEP; DIAMETER: 131MM; CENTRE CAST IRON TO BS1452: 1977: GRADE 200 OR STEEL BS970: PART NUMBER 080M40; TYRE	EA	2			

	POLYESTER BASED POLYMER OF 92 DEG C PLUS OR MINUS 3 DEG C SHORE HARDNESS; TIRE TREAD WIDTH: 75MM; THE TYRE MUST BE REPLACEABLE WITH PRESS ON BAND WHEEL WHEN WORN; REPLACEMENT PART M NUMBER FOR PRESS ON BAND: PH380/3					
0641506	BASE: TYPE: VERTICAL MOUNTED PLATE; WIDTH: 120 MM; LENGTH: 216 MM; HEIGHT: 27.1 MM; MATERIAL: PC/ABS; INFLAMMABILITY UL94 VO; SUPPL P/N: RH924YF; FCP280	EA	2			
0666294	COVER: TYPE: BAR TO BAR INSULATING HOODS; DIMENSIONS: LG 300 X HT 250 MM; MATERIAL: GLASS FIBER; COLOR: DARK GREY; APPLICATION: GENERATOR STATOR; OEM P/N: D38353253000/0; F; 1; DRAWING NO: 69001069 G REV 0	EA	2			
0666304	COVER: TYPE: BRACELET; DIMENSIONS: LG 250 X THK 50 MM; MATERIAL: GLASS FIBER; COLOR: DARK GREY; APPLICATION: GENERATOR STATOR; OEM P/N: D69402469P20, OEM: GE STEAM POWER SERVICE; DRAWING NO: 69001070 M; 69001069 P	EA	11			
0748549	BODY: TYPE: DOWNWARD SPRAY; DIMENSIONS: HT 260 X DIA 190 MM; MATERIAL: POLYPROPYLENE; HUB SIZE: 190 MM; MAX OPERATING TEMPERATURE REQ 60 DEGREES. COLOR BLACK. DIMENSIONS: OVERALL LENGTH APPROX. 260 MM. NOZZLE OUTLET SIZE MUST RANGE FROM 25-30 MM AS MINIMUM BY MEANS OF CUTTING TO SIZE. NOZZLE INLET APPROX 50 MM. SPRAYER CONNECTION MUST FIT 80 MM CUT HOLE IN A 250 MM DIAMETER PIPE AND BE ABLE TO BE SECURED INTO POSITION; FOR USE IN LETHABO PS WET COOLING TOWERS. APPLICABLE DRAWING FOR ILLUSTRATION OF REQUIRED NOZZLE 0.63/10092. TECHNICAL EVALUATION CRITERIA SUBMISSION OF DATASHEET AND ILLUSTRATION OF PROPOSED SPRAYER INDICATING BASIC DIMENSIONS, MATERIAL OF CONSTRUCTION, NOZZLE SIZE RANGE, PIPE CONNECTION TYPE AND SIZE, MAXIMUM OPERATING	EA	29			

	TEMPERATURE.; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).					
0762294	LINER: TYPE: RIO CARB; DIMENSIONS: L 12000 x H 1000 x T 10 MM; MATERIAL: CHROMIUM CARBIDE; APPLICATION: COAL PLANT BOTTOM LINERS; 1 SET OF 25 RH AND 25 LH; INCLUDING CUTTING: BENDING: GRINDING AND PAINTING; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	3			

PART 3: SCOPE OF WORK

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

C3.1: *PURCHASER'S* GOODS INFORMATION

Contents

Contents

Part 3: Scope of Work	29
C3.1: <i>Purchaser's</i> Goods Information	30
1. Overview and purpose of the <i>goods</i> and <i>services</i>	31
2. Specification and description of the <i>goods</i>	31
2.1 Purchaser's design	44
2.2 Procedure for submission and acceptance of <i>Supplier's</i> design	44
2.3 Use of <i>Supplier's</i> design	44
2.4 Manufacture & fabrication	45
2.5 Factory acceptance testing (FAT)	45
2.6 Other tests and inspections and commissioning in place of use	45
2.7 Operating manuals and maintenance schedules	45
3. Supply Requirements	45
4. Specification of the <i>services</i> to be provided	46
5. Constraints on how the <i>Supplier</i> Provides the Goods	46
5.1 Programming constraints	46
5.2 Work to be done by the Delivery Date	46
5.3 Marking the <i>goods</i>	46
5.4 Constraints at the delivery place and place of use	46
5.5 Cooperating with Others	46
5.6 Services & other things to be provided by the <i>Purchaser</i> or <i>Supplier</i>	46
5.7 Management meetings	47
5.8 Documentation control	47
5.9 Health and safety risk management	47
5.10 Environmental constraints and management	47
5.11 Quality	48
5.12 Invoicing and payment	48
5.13 Contract change management	48
5.14 Provision of bonds and guarantees	48
5.15 Records of Defined Cost, payments & assessments of compensation events to be kept by the Supplier	49
6. Procurement	50
6.1 Other requirements related to procurement	Error! Bookmark not defined.
7. List of drawings	51
7.1 Drawings issued by the <i>Purchaser</i>	51
C3.2 <i>Supplier's</i> Goods Information	lii

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

The supply and delivery of Rotating Equipment and Power Transmission on a once off basis to Lethabo Power Station.

2. Specification and description of the *goods*

Material Number	Description	Unit
0041637	MUFFLER: TYPE: COMPRESSOR; CONNECTION: THD 60 MM; LENGTH: 470 MM; MATERIAL: AL DIE CAST; SUPPL P/N: U1500-400-50; OD 150MM, 50MM BSP NIPPLE, DIESEL COMPRESSORS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0157469	REFRIGERANT: TYPE: FREON; RATING: R22; CONTAINER: CYL 13.6 KG; TRADE NAME: CHLORODIFLOUROMETHANE GAS; REFERENCE NO: FREON22; CHEMEICALS TO BE SUPPLIED WITH MSDS AND SECTION 12 (ECOLOGICAL INFORMATION OF THE MSDS TO BE COMPLETED IN DETAIL) WITH EVERY DELIVERY; THE FOLLOWING IS REQUIRED WITH EVERY DELIVERY; SHELF LIFE; DATE OF MANUFACTURE AND METHOD OF STORAGE	EA
0157502	REFRIGERANT: TYPE: FREON; RATING: R22; CONTAINER: CYL 65 KG; REFERENCE NO: R22; GAS CONTENTS 56.7KG	EA
0177788	BLOWER: TYPE: AIR; CAPACITY: 453 M3/HR; SIZE: 100 MM; POTENTIAL: 380 VAC; CURRENT: 30 A; POWER: 8 KW; REFERENCE NO: SR035; AIR; WADE ROOT; POSITIVE DISPLACEMENT; CAPACITY 453 CML; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0212983	BLOWER: TYPE: AERATION; SIZE: WD 387 X LG 597 X HT 375 MM; POTENTIAL: 380 VAC; SUPPL P/N: 409RAM-J; BLOWER; FOR FLY ASH BUNKER; VOLUME RATING: 12 M3/MIN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0229679	FAN, ELECTRIC: SIZE: 630 MM; VOLUME RATING: 1.9 M3/S; SPEED: 2945 RPM; BACKWARD AIR CURVED, 11 KW, AIR DENSITY IS 1.00 KG/M3, OPERATING PRESSURE 40 MBAR, MAX TEMPERATURE 20 DEG CELCIUS	EA
0242179	AIR CONDITIONER: TYPE: WALL AIR CONDITIONING UNIT; CAPACITY RATING: 7000 BTU/HR; REFRIGERANT: R134A; POWER SOURCE: 230 V 25 A 2 KW 50/60 HZ; SUPPL P/N: EVE 2000220; MODEL NO: EGO 20 BT 1B; SINGLE PHASE; COOLING CAPACITY: 2 KW; PANEL MOUNTING; WORKING LIMITS AMBIENT AND CABINET TEMPERATURES TO BE BETWEEN 20-55 DEG C; SIZE: WD 405 X HT 999 X THK 237 MM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0242199	FAN, ELECTRIC: TYPE: AXIAL COOLING; SIZE: 800 MM; POTENTIAL: 400 V; CURRENT: 7.3 A; VOLUME RATING: 6.4 M3/S; MATERIAL: STEEL; INSULATION CLASS: F; POLES: 6; DIRECTION: CLOCKWISE; CLASSIFICATION: 2; BLADE QUANTITY: 6; SUPPL P/N: 2CT2806-5EA11-1EJ4; 2CT 2806-5EA11-1EJ4; INTENDED TO BE MOUNTED ON TRANSFORMER OIL COOLER AND TO BLOW AIR ONTO TRANSFORMER RADIATORS OR BLOCKS OF RADIATORS COMPLY WITH MOTOR SPEC 1PP9113-6LA90-ZN00 , 3 PHASE AC MOTOR, IP55, CONNECTION: STAR/DELTA, FREQUENCY: 50 HZ, POWER 3 KW, POWER FACTOR 0.75 FOR USE ON SMITH TRANSFORMER IN TAKE ON	EA

	MOTOR SIDE	
0242202	FAN, ELECTRIC: TYPE: AXIAL COOLING; SIZE: 800 MM; POTENTIAL: 400 V; CURRENT: 2.85 A; VOLUME RATING: 4 M2/S; SPEED: 930 RPM; POLES: 6; DIRECTION: CLOCKWISE; SERVICE FACTOR: 2; BLADE QUANTITY: 5; SUPPL P/N: 2CT2806-1GA11-1DG3; INTENDED TO BE MOUNTED ON TRANSFORMER OIL COOLER AND TO BLOW AIR ONTO TRANSFORMER RADIATORS OF BLOCKS OF RADIATORS COMPLY WITH E DIN 42 565, IPPSS DEG OF PROTECTION, CONNECTION: STAR/DELTA, FREQUENCY: 50 HZ , POWER: 1.1 KW, POWER FACTOR: 0.74 FOR USE ON TRANSFORMER BLOWING OUT ON MOTOR SIDE	EA
0253093	BLOWER, ELECTRICAL: TYPE: BARE SHAFT; CAPACITY: 2200 M3/HR; SIZE: 2 IN; POTENTIAL: 380 VAC; POWER: 30 KW; DRAWING NO: 78390021 REV 1; DRESSER ROOTS RAM 418, SPEED 3090 RPM, INLET PRESSURE 85.5 KPA(A), DISCHARGE PRESSURE 115.1 KPA(A), DEFFERENTIAL PRESSURE 30 KPA(G); VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0528110	BLOWER: CAPACITY: 453 M3/HR; POTENTIAL: 380 V; CURRENT: 32 A; POWER: 15 KW; POSITIVE DISPLACEMENT; GAS HANDLED AIR; OPERATING INTAKE PRESSURE 85 KPA; PRESSURE RISE 45 KPA; MOTOR SPEED 29400 RPM; DRIVE ARRANGEMENT FENNER V BELT AND PULLEY'S; PRESSURE SETTING 50 KPA; IT'S FOR INLET FILTER AIR MAZE 4 CD; THIS MACHINE IS SUPPLIED WITH TWO 50 MM BIRKET PRESSURE RELIEF VALVES WHICH IS FITTED IN THE DISCHARGE LINE TO PROTECT THE BLOWER; 420 ROOTS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0528112	BLOWER: CAPACITY: 905 M3/HR; POTENTIAL: 380 V; CURRENT: 58 A; POWER: 30 KW; POSITIVE DISPLACEMENT; GAS HANDLED AIR; OPERATING INTAKE PRESSURE 85 KPA; PRESSURE RISE 45 KPA; MOTOR SPEED 1470 RPM; DRIVE ARRANGEMENT FENNER V BELT AND PULLEY'S; PRESSURE SETTING 50 KPA; IT'S FOR INLET FILTER AIR MAZE 5 CD; THIS MACHINE IS SUPPLIED WITH TWO 32 MM BIRKET PRESSURE RELIEF VALVES WHICH IS FITTED IN THE DISCHARGE LINE TO PROTECT THE BLOWER; M-1200 ROOTS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0600195	FAN, ELECTRIC: TYPE: TRANSFORMER; SIZE: 800 MM; POTENTIAL: 400 V; CURRENT: 7.3 A; VOLUME RATING: 6.4 M3/S; OEM P/N: 6251; 6285	EA
0602818	FAN, ELECTRIC: TYPE: AXIAL; SIZE: 800 MM; POTENTIAL: 400 VAC; CURRENT: 2.85 A; VOLUME RATING: 4 M3/S; SPEED: 915 RPM; INSULATION CLASS: THCL155; REFERENCE NO: 31284010	EA
0611725	KIT, COMPRESSOR REPAIR: TYPE: SERVICE; APPLICATION: COMPRESSOR SVC 600/250; 4000HR SERVICE KIT FOR SVC 600/250 COMPRESSOR18KV BREAKER COMPRESSOR; COMPRISING OF; 1X SUCTION VALVE STAGE 1; 1X PRESSURE VALVE STAGE 1; 1X FILTER CARTRIDGE; 1X CYLINDER STAGE 2 DIA 60MM; 1X SUCTION VALVE STAGE 2; 1 X PRESSURE VALVE STAGE 2; 1X CYLINDER 90MM; 1X CYLINDER STAGE 3 DIA 27MM; 1X SUCTION VALVE STAGE 3; 1X PRESSURE VALVE STAGE 3; 1X CYLINDER STAGE 4 DIA 16MM; 1X SUCTION VALVE STAGE 4; 1X PRESSURE VALVE STAGE 4; 4X GASKET RING UA 16X10X1.5 USIT; 4X COVER GASKET; 2X DISCHARGE VALVE PISTON CPL STAGE 3 AND 4; 2X DISCHARGE VALVE PISTON CPL STAGE 1 AND 2; 1X DISCHARGE VALVE CPL STAGE 1; 1X DISCHARGE VALVE CPL STAGE 2; 1 X DISCHARGE VALVE STAGE 3 AND 4; 1X SOLENOID VALVE 220V 50HZ; 4X O RING 60X2.5; 2X O RING 51X2.5; 2X SUPPORTING RING; 1X FILTER ELEMENT; 1X O RING 74X4; 2X O RING 10X3;	EA

	1X GASKET RING UA 16X10X1.5 USIT; 1X COVER GASKET; 1X DISCHARGE VALVE PISTON CPL	
0611726	KIT, COMPRESSOR REPAIR: TYPE: 8000 HRS SERVICE; APPLICATION: COMPRESSOR SVC 600/250; COMPRISING OF; 1X OIL PRESSURE SWITCH; 1X GASKET RING U 14X18X7X1.5 USIT; 10X COUPLING BUFFER; 3X CONNECTING ROD CPL STAGE 1;3 AND 4; 1X CONNECTING ROD STAGE 2; 1X PISTON CPL STAGE 1 DIA 110MM SV...600; 1X PISTON CPL STAGE 2 DIA 60MM; PISTON CPL STAGE 3 DIA 27 AND 90; 1X PISTON CPL STAGE 4 DIA 16 AND 90; 1X CYLINDER STAGE 1 DIA 110; 1X SUCTION VALVE STAGE 1; 1X PRESSURE VALVE STAGE 1; 1X FILTER CARTRIDGE; 1X CYLINDER STAGE 2 DIA 60MM; 1X SUCTION VALVE STAGE 2; 1X PRESSURE VALVE STAGE 2; 1X CYLINDER DIA 90MM; 1X CYLINDER STAGE 3 DIA 27MM; SUCTION VALVE STAGE 3; 1X PRESSURE VALVE STAGE 3; 1X CYLINDER DIA 90MM; 1X CYLINDER STAGE 4 DIA 16MM; 1X SUCTION VALVE STAGE 4; 1X PRESSURE VALVE STAGE 4; 1X FAN WHEEL CPL; 4X GASKET RING UA 16X10X1.5 USIT; 2X COVER GASKET; 2X COVER GASKET; 2X DISCHARGE VALVE PISTON CPL STAGE 3 AND 4; 2X DISCHARGE VALVE PISTON CPL STAGE 1 AND 2; 1X DISCHARGE VALVE CPL STAGE 1; DISCHARGE VALVE CPL STAGE 2; 1X DISCHARGE VALVE CPL STAGE 3 AND 4; 1X SOLENOID VALVE 220V 50HZ; 4X O RING 60X2.5; 2X O RING 51X2.5; 2X SUPPORT RING; 1X FILTER ELEMENT; 1X O RING 74X4; 2X O RING 10X3; 1X GASKET RING UA 16X10X1.5 USIT; 1X COVER GASKET; 1X DISCHARGE VALVE PISTON CPL; 1X GASKET SET CPL SVC 600/250; 1X GASKET SET CPL SVD600/250 AND SVD 700/250	EA
0611727	KIT, COMPRESSOR REPAIR: TYPE: 8000 HRS SERVICE; APPLICATION: COMPRESSOR SVD 600/250; 18KV COMPRESSOR; COMPRISING OF; 1X OIL PRESSURE SWITCH; 1X GASKET RING U 14X18X7X1.5 USIT; 10X COUPLING BUFFER; 3X CONNECTING ROD CPL STAGE 1;3 AND 4; 1X CONNECTING ROD STAGE 2; 1X PISTON CPL STAGE 1 DIA 110MM SV...600; 1X PISTON CPL STAGE 2 DIA 60MM; PISTON CPL STAGE 3 DIA 27 AND 90; 1X PISTON CPL STAGE 4 DIA 16 AND 90; 1X CYLINDER STAGE 1 DIA 110; 1X SUCTION VALVE STAGE 1; 1X PRESSURE VALVE STAGE 1; 1X FILTER CARTRIDGE; 1X CYLINDER STAGE 2 DIA 60MM; 1X SUCTION VALVE STAGE 2; 1X PRESSURE VALVE STAGE 2; 1X CYLINDER DIA 90MM; 1X CYLINDER STAGE 3 DIA 27MM; SUCTION VALVE STAGE 3; 1X PRESSURE VALVE STAGE 3; 1X CYLINDER DIA 90MM; 1X CYLINDER STAGE 4 DIA 16MM; 1X SUCTION VALVE STAGE 4; 1X PRESSURE VALVE STAGE 4; 1X CYLINDER DIA 90MM; 1X CYLINDER 4 STAGE DIA 16MM; 1X CONCENTRIC VALVE 4 STAGE; 1X FAN WHEEL CPL; 4X GASKET RING UA 16X10X1.5 USIT; 2X COVER GASKET; 2X COVER GASKET; 2X DISCHARGE VALVE PISTON CPL STAGE 3 AND 4; 2X DISCHARGE VALVE PISTON CPL STAGE 1 AND 2; 1X DISCHARGE VALVE CPL STAGE 1; 1X SOLENOID VALVE 220V 50HZ; 4X O RING 60X2.5; 2X O RING 51X2.5; 2X SUPPORT RING; 1X FILTER ELEMENT; 1X O RING 74X4; 2X O RING 10X3; 1X GASKET RING UA 16X10X1.5 USIT; 1X COVER GASKET; 1X DISCHARGE VALVE PISTON CPL; 1X GASKET SET CPL SVC 600/250; 1X GASKET SET CPL SVD600/250 AND SVD 700/250	EA
0611728	KIT, COMPRESSOR REPAIR: TYPE: 4000 HRS SERVICE; APPLICATION: COMPRESSOR SVD 250/600; 18KV BREAKER COMPRESSOR; COMPRISING OF; 1X SUCTION VALVE STAGE 1; 1X PRESSURE VALVE STAGE 1; 1X FILTER CATRIDGE; 1X SUCTION VALVE STAGE 2; 1X PRESSURE VALVE STAGE 2; 1X SUCTION VALVE STAGE 3; 1X PRESSURE VALVE STAGE 3; 1X PRESSURE VALVE STAGE 3; 1X SUCTION VALVE STAGE 4; 1X PRESSURE VALVE STAGE 4; 1X CONCENTRIC VALVE STAGE 4; 4X GASKET RING UA 16X10X1.5 USIT; 2X COVER GASKET; 2X COVER GASKET; 2X DISCHARGE VALVE PISTON CPL STAGE 3 AND 4; 2X DISCHARGE VALVE PISTON CPL STAGE 1 AND 2; 4X O RING 60X2.5; 2X O RING 51X2.5; 2X SUPPORT RING; 1X FILTER ELEMENT; 1X O RING 74X4; 2X O RING 10X3; 1X GASKET RING UA 16X10X1.5 USIT; 1X COVER GASKET; 1X DISCHARGE VALVE PISTON CPL; 1X GASKET SET CPL SVC 600/250; 1X GASKET SET CPL SVD 600/250 AND SVD 700/250	EA

0611729	KIT, COMPRESSOR REPAIR: TYPE: 2000 HRS SERVICE; APPLICATION: COMPRESSOR SVD 600/250; 18KV BREAKER COMPRESSOR; COMPRISING OF; 1X FILTER CARTRIDGE; 1X CYLINDER STAGE 3 DIA 27MM; 1X SUCTION VALVE STAGE 3; 1X PRESSURE VALVE STAGE 3; 1X CYLINDER STAGE 4 DIA 16; 1X SUCTION VALVE STAGE 4; 1X PRESSURE VALVE STAGE 4; 1X CONCENTRIC VALVE STAGE 4; 4X GASKET RING UA 16X10X1.5 USIT; 2X COVER GASKET; 2X COVER GASKET; 2X DISCHARGE VALVE PISTON CPL STAGE 3 AND 4; 2X DISCHARGE VALVE PISTON CPL STAGE 1 AND 2; 1X DISCHARGE VALVE CPL STAGE 1; 4X O RING 60X2.5; 2X O RING 51X2.5; 2X SUPPORT RING; 1X FILTER ELEMENT; 1X O RING 74X4; 2X O RING 10X3; 1X GASKET RING UA 16X10X1.5 USIT; 1X COVER GASKET; 1X DISCHARGE VALVE PISTON CPL; 1X GASKET SET CPL SVC 600/250; 1X GASKET SET CPL SVD 600/250 AND SVD 700/250	EA
0611730	KIT, COMPRESSOR REPAIR: TYPE: 2000 HRS SERVICE; APPLICATION: COMPRESSOR SVC 600/250; 18KV BREAKER COMPRESSOR; COMPRISING OF; 1X FILTER CARTRIDGE; 1X SUCTION VALVE STAGE 3; 1X PRESSURE VALVE STAGE 3; 1X SUCTION VALVE STAGE 4; 1X PRESSURE VALVE; 1X CONCENTRIC VALVE STAGE 4; 4X GASKET RING UA 16X10X1.5 USIT; 2X COVER GASKET; 2X COVER GASKET; 2X DISCHARGE VALVE PISTON CPL STAGE 3 AND 4; 2X DISCHARGE VALVE PISTON STAGE 1 AND 2; 4X O RING 60X2.5; 2X O RING 51X2.5; 2X SUPPORT RING; 1X FILTER ELEMENT; 1X O RING 74X4; 2X O RING; 1X GASKET RING UA 16X10X1.5 USIT; 1X COVER GASKET; 1X DISCHARGE VALVE PISTON CPL	EA
0618956	FAN, ELECTRIC: TYPE: COOLING; SIZE: DIA 288 X LG 383 MM; POTENTIAL: 400 VAC; CURRENT: 0.4 A; VOLUME RATING: 1400 M3/HR; DIRECTION: ANTI CLOCKWISE; REFERENCE NO: SIR4-S51	EA
0633992	BLOWER: TYPE: ROOTS; CAPACITY: 156 M3/HR; POTENTIAL: 380 V; CURRENT: 11.9 A; POWER: 5.5 KW; MODEL NO: BLW80/3; BARE SHAFT MODEL; PRESSURE: 50KPA; MATERIAL: CARBON STEEL; SUPPLIER TO VERIFY THE DIMENSIONS ON SITE; INLET CARTRIDGE FILTER TO BE PROVIDED WITH BLOWER; INSTALLED POWER: 505KW; ABSORBED POWER: 4.33KW; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0659790	COMPRESSOR, AIR: CAPACITY: 600 L/MIN; DISCHARGE PRESSURE: 250 BAR; POTENTIAL: 380 V; POWER: 15 KW; CURRENT: 25 A; VOLUME CAPACITY: 585 L/MIN; SUPPL P/N: SVD 600-250; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0694019	FAN: TYPE: CENTRIFUGAL; DIMENSIONS: LG 710 X HT 755 MM; VOLUME RATING: 0.25 M3/MIN; DRIVER: ELECTRIC MOTOR; SUPPL P/N: 2536 MX 80 112; SUCTION ID 112 X DISCHARGE ID 125MM; DATA SHEET AND MATERIAL CERTIFICATES MUST BE PROVIDED WITH NEW VENT FANS	EA
0694044	FAN: TYPE: CENTRIFUGAL; DIMENSIONS: WD 110 X LG 465 X HT 543 MM; VOLUME RATING: 5 M3/MIN; DRIVER: ELECTRIC MOTOR; SUPPL P/N: MGXIIIB; SUCTION AND DISCHARGE ID 100MM; THE VENT FANS MUST BE ABLE TO HANDLE TURBINE OIL CASTRO PERFECTO THZ 46 AND FIRE RESISTANT FLUID CASTROL ANVOL PE 46 VAPOUR; ALL SEALS MUST BE VITON; ELECTRIC MOTOR MUST NOT BE INCLUDED WITH FAN	EA
0700854	BLOWER, ELECTRICAL: TYPE: HANDHELD; CAPACITY: 2.6 CM3/MIN; SIZE: 525 MM; POTENTIAL: 18 VDC; CURRENT: 3 AH; POWER: 54 W HR; VARIABLE SPEED; CORDLESS BLOWER WITH RECHARGEABLE BATTERY, CHARGER AND DUST BAG; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA

0703353	AIR CONDITIONER: TYPE: FIXED SPEED; CAPACITY RATING: 13000 BTU; MOUNTING TYPE: WALL; REFRIGERANT: R410; COMPRESSOR UNIT TYPE: ROTARY; CONDENSER COOLING TYPE: AIR; POWER SOURCE: 220-240 V, 1 PH, 50 HZ; MODEL NO: YPGE13C1; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0039352	ROPE, WIRE: DIAMETER: 16 MM; CONSTRUCTION: 6X36(14/7-7/7/1)F; STRENGTH: 1770 MPA TO 155 KN; ESTIMATED MASS 1.039KG/M; OUTER WIRE DIAMETER 0.90 MM; 1770MPA-155KN/1850MPA-162KN	M
0039354	CHAIN, LOAD RATED: TYPE: STRAIGHT LINK; TRADE SIZE: 10 MM; LOAD RATING: 1 T; LENGTH: 1-10 M; MATERIAL: CS GR 500; REFERENCE NO: 500; CHAIN: 10MM; 30MM INSIDE LENGTH; 36.5MM OUTSIDE WIDTH; GRADE: 500	M
0039464	ROPE, WIRE: DIAMETER: 20 MM; CONSTRUCTION: 6X36(14/7-7/7/1)F; MATERIAL: STL; STRENGTH: 1770-1850 MPA; REFERENCE NO: 6-36F	M
0039608	CLAMP, WIRE ROPE: TYPE: SINGLE GRIP, SINGLE SADDLE; ROPE SIZE: 16 MM; CLAMP MATERIAL: STL GALV; SUPPL P/N: 858082002; CROSBY TO SABS 763, TO THE LATEST EDITION OF SABS 813 AND BEARING THE SABS MARK OF APPROVAL; U-BOLT	EA
0025355	COUPLING, SHAFT: TYPE: RIGID DRIVE; BORE: 50 MM; OUTSIDE DIAMETER: 420 MM; LENGTH: 210 MM; MATERIAL: AL CAST; SUPPL P/N: 14-5FCU; FLUID-DRIVE.	EA
0025390	COUPLING, SHAFT HALF: TYPE: FLEXIBLE DRIVE; BORE: 60 MM; OUTSIDE DIAMETER: 221 MM; LENGTH: 72 MM; MATERIAL: STL; BUSH, USED ON THE VULCAN SINCLAIR COUPLING TYPE 20FSU; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0025496	GEARBOX: TYPE: AGITATOR; RATIO: 14:1; SPEED: 45 RPM; POWER: 75 KW; MODEL NO: MT04 APV; REFERENCE NO: 30-388; MIXTEC BRAND, APV KESTNER; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0025706	COUPLING, SHAFT HALF: TYPE: RIGID DRIVE; BORE: UNBORED; OUTSIDE DIAMETER: 140 MM; LENGTH: 130 MM; MATERIAL: STL; SUPPL P/N: 100APC-Z6051/1; TORQUE LIMITER (100AF); USED ON HANSEN TRANSMISSIONS; MAIN EQUIPMENT MILL PA ISOLATING DAMPERS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0025745	COUPLING, SHAFT HALF: TYPE: FLEXIBLE DRIVE; BORE: UNBORED; OUTSIDE DIAMETER: 67 MM; LENGTH: 60 MM; MATERIAL: CI; USED ON DRAUGHT GROUP FANS AND AIR HEATER ELECTRICAL LUBE OIL PUMPS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0025746	SPIDER, COUPLING: COUPLING TYPE: SPACER; MATERIAL: URETHANE; INSIDE DIAMETER: 16 MM; OUTSIDE DIAMETER: 35 MM; THICKNESS: 40 MM; SUPPL P/N: UNE111; 235/280; REFERENCE NO: UNE111; 235/280; WITH BRASS BUSH; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0025912	COUPLING, SHAFT: TYPE: MAAG GEAR; OUTSIDE DIAMETER: 280 MM; MATERIAL: STL; SUPPL P/N: ZES4-5YK; PILOT BORE, ADJUSTABLE LENGTH, FOR USE BETWEEN FEED PUMP AND TURBOGEAR COUPLING	EA
0025931	TIRE: TYPE: COUPLING; MODEL NO: FX120H; PLEASE NOTE !!! TYRE ONLY	EA

	WITHOUT HARDWARE	
0025939	DISC: TYPE: FLUID COUPLING; DIMENSIONS: DIA 183 X THK 12.5 MM; MATERIAL: STL	EA
0026008	GEARBOX: TYPE: REDUCTION; RATIO: 50:1; SPEED: I/P 1455 RPM; POWER: 15 KW; SUPPL P/N: 10WORM UNIT 659; REFERENCE NO: 110-2032; SERVICE 24 HOURS, TYPE BEWGEAR, USED ON CONV 00-WF-41/31/61/51/81/71; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0026016	COUPLING, SHAFT HALF: TYPE: FLEXIBLE DRIVE; BORE: 42 MM; OUTSIDE DIAMETER: 185 MM; LENGTH: 45 MM; MATERIAL: CI; SUPPL P/N: F90; COMPLETE WITH TYRE, FLANGES, HUBS, BOLTS AND TAPERLOCKS, TO BE PACKED AS A SET, OUTSIDE DIAMETER ON THE DRIVE UNIT SHAFT 55MM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0027117	CHAIN, POWER TRANSMISSION: STYLE: DUPLEX; LENGTH: 1.75 M; PITCH: 25.4 MM; MATERIAL: CS; REFERENCE NO: 16B-2; TYPE ROLLER; COMPLETE WITH MASTER LINK; EUROPEAN STANDARD	EA
0027250	GEAR, SPUR: TYPE: CONDITIONER TANDEM; TEETH: 75; OUTSIDE DIAMETER: 650 MM; BORE: 150 MM; FACE WIDTH: 125 MM; MATERIAL: STL; DRAWING NO: 204/STD/006 REV 1; MATERIAL GRADE C55 NORMALISED EN10028-2:2006; SUPPLIERS TO COMPLY WITH THE EN10083:2006 STANDARD FOR QUENCHING AND HARDENING WHEN DOING CASE HARDENING; ONLY GEAR TEETH TO BE CASE HARDENED USING INDUCTION HARDENING TO A FACE HARDNESS OF 60 HRC TO A DEPTH OF 1.2 MM TEETH TO BE TEMPERED AFTER; EACH GEAR TO BE STAMPED WITH A UNIQUE ID AS SPECIFIED IN EN10083-2:2006 SECTION 11; THE STEEL GRADE AND GEAR MANUFACTURE DATE NEED TO FORM PART OF THIS UNIQUE ID; TEST SAMPLE TO BE EXPOSED TO THE SAME CONDITIONS OF THE BATCH FOR CERTIFICATE TESTING AS SPECIFIED IN EN10083-2:2006 SECTION 8; 9 AND 10; FULL SURFACE CRACK TESTING AFTER INDUCTION HARDENING OF THE TEETH; GEARS WILL NOT BE ACCEPTED WITHOUT THE HARDNESS CERTIFICATE; MATERIAL CERTIFICATE AND CRACK TESTING RESULTS EN10204 3.1 CERTIFICATE IS REQUIRED; 0.118 DIAMETERAL PITCH; 633 MM PITCH DIAMETER; SPUR DRIVE GEAR COMPLETE WITH DRIVE PARALLEL KEY AND SPUR DRIVEN GEAR COMPLETE WITH TAPERED KEY; 3DP 20 DEGREES PA; SURFACE HARDENED; PITCH DIA: 633 MM; THE ABOVE IS A MATCH SET; COMPLETE WITH DRIVE KEY AND THE DRIVEN GIB HEAD KEY	EA
0027279	WORM: MATERIAL: STL; REFERENCE NO: 525156-84; USED ON PURIFIER; TYPE ALFA LAVAL MAB209S; LENGTH: 505 MM; TYPE WHEEL	EA
0027427	COUPLING: TYPE: TOOTH RIM; SIZE: ID 26 X OD 54 X HT 14 MM; MATERIAL: RUBBER; SUPPL P/N: 538574-02; THE FOLLOWING IS REQUIRED WITH EVERY DELIVERY; SHELF LIFE; DATE OF MANUFACTURE AND METHOD OF STORAGE	EA
0027483	GEARBOX: TYPE: REDUCTION; APPLICATION: ACTUATOR; REFERENCE NO: M77393E0011B02Z001; WORM GEAR; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0027486	GEARBOX: TYPE: REDUCTION; APPLICATION: ACTUATOR ELECTRIC; WORM GEAR; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA

0027503	PINION: TYPE: SPUR; DIMENSIONS: ID 49 X OD 136 X WD 40 MM; MATERIAL: STL; NUMBER OF TEETH: 15; REFERENCE NO: 519-130; USED ON THE MOVING HEAD ON THE ASH HANDLING PLANT, DIAMETRAL PITCH 0.125, PITCH DIAMETER 120MM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0027507	GEARBOX: TYPE: REDUCTION; RATIO: 1235:1; SPEED: I/P 1139 RPM; POWER: 0.18 KW; REFERENCE NO: SPJ10478; MA14F; NUMBER 80/09, HP 0.25/12.36; TYPE BONIFIGIOLI BOLOGNA ITALY WVF 130.14; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0028462	BELT, V: TOP WIDTH: 10 MM; THICKNESS: 8 MM; SUPPL P/N: 10NSPZ2690; PITCH 2690MM CIRCUMFERENCE	EA
0028516	BELT, V: TOP WIDTH: 13 MM; THICKNESS: 10 MM; SUPPL P/N: 13NSPA1400; 1400MM PITCH CIRCUMFERENCE	EA
0028520	BELT, V: TOP WIDTH: 10 MM; THICKNESS: 8 MM; SUPPL P/N: 10X1600SPN; PITCH 1600MM CIRCUMFERENCE	EA
0028521	BELT, V: TOP WIDTH: 13 MM; THICKNESS: 10 MM; SUPPL P/N: 13NSPA2000; 2000MM PITCH CIRCUMFERENCE, SUPPLIER GOODYEAR TYRE AND RUBBER	EA
0028684	V BELT SET: NUMBER OF BELTS: 4; SUPPL P/N: 16NSPB4060; TO BE BUNDLED AND MARKED, MATCHED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0028689	BELT, V: TOP WIDTH: 13 MM; THICKNESS: 10 MM; SUPPL P/N: 13NSPA1500; PITCH 1500MM CIRCUMFERENCE	EA
0028724	BELT, V: TOP WIDTH: 10 MM; THICKNESS: 8 MM; SUPPL P/N: 10NSPZ1520; PITCH 1520MM CIRCUMFERENCE	EA
0028725	BELT, V: TOP WIDTH: 10 MM; THICKNESS: 8 MM; SUPPL P/N: 10NSPZ2030; PITCH 2030MM CIRCUMFERENCE	EA
0028750	BELT, V: TOP WIDTH: 13 MM; THICKNESS: 10 MM; REFERENCE NO: A63; PITCH 1640MM CIRCUMFERENCE	EA
0028756	BELT, V: TOP WIDTH: 13 MM; THICKNESS: 8 MM; SUPPL P/N: VB13X8X1940; PITCH 1940MM CIRCUMFERENCE	EA
0028793	BELT, V: TOP WIDTH: 10 MM; THICKNESS: 8 MM; SUPPL P/N: 10NSPZ1800; 1800MM PITCH CIRCUMFERENCE	EA
0028796	BELT, V: TOP WIDTH: 10 MM; THICKNESS: 8 MM; SUPPL P/N: 10NSPZ2410; PITCH 2410MM CIRCUMFERENCE	EA
0028805	BELT, V: TYPE: PULLEY; INSIDE CIRCUMFERENCE: 1016 MM; OUTSIDE CIRCUMFERENCE: 1.06 M; TOP WIDTH: 17 MM; MATERIAL: RUBBER; THICKNESS: 11 MM; SUPPL P/N: VB17X11X1060	EA
0028863	BELT, V: TOP WIDTH: 13 MM; THICKNESS: 10 MM; SUPPL P/N: 13NSPA1600; PITCH 1600MM CIRCUMFERENCE	EA
0028938	BELT, V: TOP WIDTH: 13 MM; THICKNESS: 10 MM; SUPPL P/N: 13NXSPA2240; REFERENCE NO: SPA; 2240MM PITCH CIRCUMFERENCE, NOTE - PLEASE ENSURE THAT BELTS ARE ALL OF THE SAME LOT NUMBER; SUPPLIER GOODYEAR TYRE AND RUBBER	EA
0028959	V BELT SET: NUMBER OF BELTS: 4; SUPPL P/N: 16NSPB2530; TO BE BUNDLED AND MARKED, MATCHED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT	EA

	DRAWING REVISION NUMBER (IF APPLICABLE).	
0037802	GEARBOX: TYPE: SPEED REDUCER; RATIO: 64:1; SPEED: 1420 RPM; POWER: 3 KW; REFERENCE NO: MVF150P; 1A19883; BELT DRIVE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0038348	SPIDER, COUPLING: COUPLING TYPE: FLEXIBLE; MATERIAL: RUBBER; INSIDE DIAMETER: 180 MM; OUTSIDE DIAMETER: 185 MM; THICKNESS: 59 MM; REFERENCE NO: 265; TYPE NORMEX; THE FOLLOWING IS REQUIRED WITH EVERY DELIVERY; SHELF LIFE; DATE OF MANUFACTURE AND METHOD OF STORAGE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0038351	SPIDER, COUPLING: COUPLING TYPE: FLEXIBLE; MATERIAL: RUBBER; INSIDE DIAMETER: 165 MM; OUTSIDE DIAMETER: 175 MM; THICKNESS: 54 MM; REFERENCE NO: 240; TYPE NORMEX; THE FOLLOWING IS REQUIRED WITH EVERY DELIVERY; SHELF LIFE; DATE OF MANUFACTURE AND METHOD OF STORAGE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0038633	COUPLING, SHAFT FLEXIBLE: TYPE: TURBOFLEX; BORE DIAMETER: 202 MM; MATERIAL: RUBBER; REFERENCE NO: 260BTW GB; F120; SIZE OD 308MM X WD 95MM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0041402	COUPLING, SHAFT: TYPE: WINFLEX; BORE: 180 MM; OUTSIDE DIAMETER: 415 MM; LENGTH: 155 MM; MATERIAL: STL; SUPPL P/N: 28 T; 28T; 1 COUPLING= 2 HALVES, LOW SPEED HUB	EA
0044260	COLLAR: DIMENSIONS: ID 124 X OD 360 X THK 56 MM; MATERIAL: STL; TYPE: THRUST; SPECIAL FEATURES: NONE; SUPPL P/N: 384-01; 104-128-298-001; MODEL NO: HPTPOK350-405-4S/33; REFERENCE NO: 384-01; 104-128-298-001; FOR USE ON SULZER 100PCT FEED PUMP	EA
0044357	COLLAR: DIMENSIONS: ID 81 X OD 370 X THK 43 MM; MATERIAL: STL; TYPE: THRUST; SPECIAL FEATURES: NONE; SUPPL P/N: 384-01; MODEL NO: HPTPOK250-305-5S/33; REFERENCE NO: 384-01; 104-128-297-001; FOR USE ON SULZER FEED PUMP	EA
0044509	COUPLING, SHAFT HALF: TYPE: FLEXIBLE DRIVE; BORE: 32 MM; OUTSIDE DIAMETER: 110 MM; LENGTH: 80 MM; MATERIAL: CI; SUPPL P/N: HRC 110; COMPLETE WITH TAPER LOCKS FOR KSB PUMPS NO KWPK TYPE KWPK 65-200, TYPE: EUPEX N95; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0048699	COUPLING, SHAFT FLEXIBLE: BORE DIAMETER: 42 X 22.225 MM; MATERIAL: NYLON; NYLICON TYPE, 88 MM OUTSIDE DIAMETER, 42 MM LENGTH, BORED AND KEYWAYED, FOR USE WITH DAVID BROWN MILL GEAR BOX LUBRICATING OIL PUMP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0050840	COUPLING, SHAFT: TYPE: RIGID DRIVE; BORE: 22 MM; OUTSIDE DIAMETER: 86 MM; LENGTH: 300 MM; MATERIAL: CI; SIZE 105, SERIES 1140, FOR USE ON VARLEY SHAFT PUMP FOR AIR HEATERS AND DRAUGHT GROUPS ON BOILERS	EA
0057037	INSERT, COUPLING: TYPE: CLARIFIERS; SIZE: MMS1600; MATERIAL: RUBBER; REFERENCE NO: MMS1600; SIZE IRREGULAR; THE FOLLOWING IS REQUIRED WITH EVERY DELIVERY; SHELF LIFE; DATE OF MANUFACTURE	EA

	AND METHOD OF STORAGE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	
0058424	COUPLING, SHAFT: TYPE: FLEXIBLE DRIVE; BORE: 32 MM; MATERIAL: RUBBER; REFERENCE NO: FXF60; COMPLETE WITH TAPER LOCK; PUMP SHAFT OD 32MM AND MOTOR SHAFT OD 42MM	EA
0059084	COUPLING, SHAFT HALF: TYPE: DRIVE; BORE: 80 MM; OUTSIDE DIAMETER: 155 MM; LENGTH: 215 MM; MATERIAL: STL; USED ON THE ELECTRIC MOTOR/PUMP TYPE ROTEX 110KW ON THE VARIABLE SPEED ON THE CSYSURGE BIN TRANSFER CONVEYORS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0092910	KEY STOCK: WIDTH: 16 MM; LENGTH: 3 M; THICKNESS: 16 MM; MATERIAL: MS SMOOTH FINISH	EA
0097538	COUPLING, SHAFT FLEXIBLE: TYPE: DRIVE; BORE DIAMETER: 55 MM; MATERIAL: RUBBER; SUPPL P/N: 519532-01; 100 MM OUTSIDE DIAMETER, 20 MM LENGTH, ELASTIC PLATE, USED ON THE OIL SEPERATOR PURIFIER TYPE MAB204S; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0110012	SPRING: TYPE: COUPLING; DIMENSIONS: WD 71 X LG 200 MM; MATERIAL: STL; GRID SET 2T, FOR WINFLEX COUPLING	EA
0110013	SPRING: TYPE: COUPLING; DIMENSIONS: WD 115 X LG 335 MM; MATERIAL: STL; TYPE GRID SET 43T	EA
0110015	SPRING: TYPE: COUPLING; DIMENSIONS: WD 115 X LG 335 MM; MATERIAL: STL; REFERENCE NO: 28T; GRIT SETS, SIZE 28 TEETH, FOR LOW SPEED WINFLEX COUPLING	EA
0110050	SPRING: TYPE: COUPLING; DIMENSIONS: WD 111 X LG 181 MM; MATERIAL: STL; FOR WINFLEX 5T COUPLING	EA
0112779	COLLAR: DIMENSIONS: ID 80 X OD 252 X THK 30 MM; MATERIAL: STL; TYPE: THRUST; SPECIAL FEATURES: NONE; SUPPL P/N: TCR40125010; MODEL NO: R18KGS; FOR USE ON VOITH TURBO GEAR	EA
0162198	KEY STOCK: WIDTH: 9.5 MM; LENGTH: 3 M; THICKNESS: 9.5 MM; MATERIAL: STL; PROCESS: HOT ROLLED	KG
0162202	KEY STOCK: WIDTH: 12.7 MM; LENGTH: 4 M; THICKNESS: 12.7 MM; MATERIAL: KEY STL; 1,256 KG/METRE	KG
0174616	INSERT, COUPLING: TYPE: NORMAX FLEXIBLE; SIZE: ID 75 X OD 105 X THK 24 MM; MATERIAL: RUBBER; FEATURE: IRREGULAR; OEM P/N: E112-10 PB75SH; SUPPL P/N: TCR03647064; FOR USE ON AUXILIARY LUBE OIL PUMP COMPLETE 820L/MIN ON VOITH TURBO GEAR R18KGS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0176829	GEARBOX: TYPE: REDUCTION; RATIO: 30:4.5; SPEED: 2816.4/225 RPM; POWER: 30-4.5 KW; REFERENCE NO: KA150R90LR132SMW; BEWGEAR; KA150R90-LR132; RATING:30-4.5KW; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0176852	GEARBOX: TYPE: REDUCTION; SPEED: 2798.6/890.5 RPM; POWER: 0.44 KW; 500; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA

0176940	GEARBOX: TYPE: SPEED INCREASER; RATIO: 75:1; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0176949	ASSEMBLY: TYPE: CLARIFIER GEARBOX; APPLICATION: IMPELLER WATERPLANT; SUPPL P/N: PZB170; REFERENCE NO: 45 M; FLENDER; COMPLETE WITH MOTOR AND GOVERNER	EA
0176961	COUPLING, SHAFT: TYPE: FLUID DRIVE; BORE: 70 MM; OUTSIDE DIAMETER: 454 MM; LENGTH: 464 MM; MATERIAL: AL CAST; SUPPL P/N: TFDMODEL16FCU; INCLUDING BOTH HUBS; BUCKET ELEVATOR; MOTOR DRIVE BOSS MAX BORE 80MM AND GEARBOX OUTPUT HALF MAX BORE 70MM; COMPLETE WITH DRIVE PLATE AND DRIVE BOSS BOLTS X 6; MULTI DISK ASSEMBLY CW 6 BOLTS AND COLLAR; OUTPUT HALF COUPLING OD: 191MM; LENGTH: 67MM; MATERIAL OF HUBS: STL; OIL QUATITY MAX: 13.6 L	EA
0176973	GEARBOX: TYPE: BEVEL; RATIO: 20:1; SPEED: I/P 1483 RPM; POWER: 18.5 KW; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0177044	GEARBOX: TYPE: SPEED INCREASER; RATIO: 29:1; SPEED: 1450/3000 RPM; POWER: 75 KW; SUPPL P/N: SSS-D27/4543; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0177045	GEARBOX: TYPE: REDUCTION; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0177045	GEARBOX: TYPE: REDUCTION; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0177073	SET: TYPE: TURBO GEAR; MODEL NO: R18KGS; VOITH	EA
0177765	DRIVE: REFERENCE NO: 01NU01D320; END BUNKER CHAIN CONV LH; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0177792	GEARBOX: TYPE: REDUCTION; RATIO: 1400:1; SPEED: 1 RPM; POWER: 61 KW; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0211931	COUPLING: TYPE: FLUID DRIVE; SIZE: 487 MM; MATERIAL: ALUMINIUM; SUPPL P/N: 487TVVS HA/BR; 4 X 2MM NOZZLE; FOR FRONT TRANSFER CONVEYORS	EA
0218261	SPIDER, COUPLING: COUPLING TYPE: HALF; MATERIAL: PU; INSIDE DIAMETER: 12 MM; OUTSIDE DIAMETER: 29 MM; THICKNESS: 34 MM; APPLICATION: DHP TRANSFER CONVEYOR BELT; BARREL SHAPED, STEEL BUSH; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0219043	BELT, V: TOP WIDTH: 13 MM; THICKNESS: 10 MM; SUPPL P/N: 13N1700; PITCH 1700MM CIRCUMFERENCE	EA
0219044	BELT, V: TOP WIDTH: 13 MM; THICKNESS: 10 MM; SUPPL P/N: 13N1800; PITCH 1800MM CIRCUMFERENCE	EA
0225458	BELT, V: TOP WIDTH: 13 MM; THICKNESS: 10 MM; SUPPL P/N: 13NX1030; PITCH 1030MM CIRCUMFERENCE	EA

0247287	COUPLING, SHAFT: TYPE: TURBO SOFT START; BORE: 100 X 80 MM; OUTSIDE DIAMETER: 761 MM; MATERIAL: ALUMINIUM; SUPPL P/N: V650 TSS; CONNECTION 1: KEY SLOT 28 X 16 MM; CONNECTION 2: KEY SLOT 22 X 14 MM	EA
0528215	GEARBOX: TYPE: HELICAL BEVEL GEARED; RATIO: 291; SPEED: 1470 RPM; POWER: 3.7-5.2 KW; ROTATION DIRECTION: LH; MOTOR A; MOUNTING POSITION FB: M1A; SERVICE FACTOR FB: 1.85/2; COATING SIGN: BLUE GREY; HOLLOW SHAFT: 120 MM; PINION BORE: 55 MM; FLANGE: 550 MM CROSS ANGLE HOLE PATTERN; EXT HOUSING SLIP TORQUE: 32.0; BORE ON INPUT SIDE: 38 MM; CYCLIC DURATION FACTOR: S1; MOTOR: 400V 50.0 HZ; CURRENT: 8.80/11 A; COS-PHI: 0.77/0.80; WIRING DIAGRAM: DT 43 SEPARATED WINDINGS; INSULATING CLASS: IP F55; MOTOR TEMPERATURE: -20+40 DEG C; ACCESS FEATURE MOTOR PROTEC: TF TEMPERATURE SENSOR; KA157 T R7 AR169ML DV169ML8/10 TS/887LP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0528216	GEARBOX: TYPE: BEVEL HELICAL GEAR; RATIO: 291; SPEED: 1470 RPM; POWER: 3.7-5.2 KW; ROTATION DIRECTION: RH; MOUNTING POSITION FB: M1B; SERVICE FACTOR FB: 1.85/2; COATING SIGN: BLUE GREY; HOLLOW SHAFT: 120 MM; PINION BORE: 55 MM; FLANGE: 550 MM CROSS ANGLE HOLE PATTERN; EXT HOUSING SLIP TORQUE: 32; BORE ON INPUT SIDE: 38 MM; CYCLIC DURATION FACTOR: S1; MOTOR: 400V 50 HZ; CURRENT: 8.80/11 A; COS-PHI: 0.77/0.80; WIRING DIAGRAM: DT 43 SEPARATED WINDINGS; INSULATING CLASS: IP F/55; MOTOR TEMPERATURE: -20 TO 40 DEG C; KA157/T R97 AR169ML DV169ML8/10 TS/887LP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0528270	GEARBOX: TYPE: BEVEL HELICAL GEAR; RATIO: 610; SPEED: 1460 RPM; POWER: 1.3-2 KW; ROTATION DIRECTION: RH; MOTOR A; MOUNTING POSITION FB: M1B; SERVICE FACTOR FB: 1.75/1.75; COATING SIGN: BLUE GREY; HOLLOW SHAFT: 100 MM; PINION BORE: 38 MM; FLANGE: 450 MM CROSS ANGLE HOLE PATTERN; EXT HOUSING SLIP TORQUE: 15. 0; BORE ON INPUT SIDE: 28 MM; CYCLIC DURATION FACTOR: S1; MOTOR: 400V 50 HZ; CURRENT: 3.60/5.10 A; COS-PHI: 0.73/0.80; WIRING DIAGRAM: DT 43 SEPARATED WINDINGS; INSULATING CLASS: IP F/55; MOTOR TEMPERATURE: -20 TO 40 DEG C; KA127 /T R77 AR127 DV127L6/4 ZS/654LP; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0553043	GEARBOX: TYPE: T-QHP03 RLN; RATIO: 35.5:1; SPEED: 1483 RPM; POWER: 175 KW; REFERENCE NO: T-QHP03RLN; SF 1.26; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0592658	COUPLING: TYPE: TURBO CONSTANT FILL; SIZE: LG 441 X HT 425 MM; MATERIAL: SILUMIN FERROUS; REFERENCE NO: 366TV; HA/BR ARRANGEMENT PILOT BORE	EA
0600842	GEARBOX: TYPE: ESP OUTLET DAMPER; RATIO: 70:1; SPEED: 24 RPM; POWER: 75 KW; REFERENCE NO: T3064101-002; IW 6; OUTPUT SHAFT MUST BE HOLLOW WITH ID 60 MM; GEARBOX INPUT FLANGE: OD 182 MM; PCD: 140; NUMBER OF HOLES 4 X DIA 17 MM; INPUT SHAFT: OD 20 MM; QUARTER TURN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0625033	GEARBOX: TYPE: VERTICAL WORM UNIT DOUBLE REDUCTION; RATIO: 216.33:1; SPEED: 960/4.4074 RPM; POWER: 7.46 KW; APPLICATION:	EA

	SECONDARY AIR HEATER; ROTATION DIRECTION: CLOCKWISE; SUPPL P/N: DD17; DRAWING NO: A1-101955 REV 0; DOUBLE REDUCTION; PRIMARY RATIO 14.66: 1 (DO800); SECONDARY RATIO 14.75:1 (DV17); DOUBLE ENDED OUTPUT SHAFT; INCLUDE BRITISH SHAFT EXTENSIONS; INPUT SHAFT SIZE 44.450 TO 44.435 MM; OUTPUT SHAFT SIZE IS 139.675 TO 139.700 MM WITH DOUBLE KEYWAYS; INPUT SPEED 960 RPM TO THE GEARBOX WILL BE THE SAME AS THE MOTOR ROTOR SPEED; BASE FRAME SIZE: 1004 BY 1004 MM (D160M); THE GEARBOX OUTPUT SPEED IS 4.4074 RPM WHICH IS FURTHER REDUCED TO 0.8875 THROUGH A GEAR AND PINION; INPUT SHAFT HANDING: INPUT SHAFT TO BE ON RIGHT HAND SIDE WHEN FACING THE GEARBOX. (RY); HEIGHT FROM BASE TO CENTRE OF INPUT SHAFT: 609.6 MM; HEIGHT FROM BASE TO BOTTOM OF OUTPUT SHAFT: 139.6 MM; DISTANCE FROM CENTRE OF OUTPUT SHAFT TO END OF INPUT SHAFT: 774.8 MM; HOLD DOWN BOLT HOLES SIZE: 41.3 MM; INPUT SHAFT KEYWAY WIDTH: 11.176 TO 11.125; OUTPUT SHAFT KEYWAY WIDTH: 38.202 TO 38.100 MM; THE GEARBOX IS USED TO DRIVE AN AIR PRE HEATER IN THE POWER STATION; ATTACH AN OPERATION AND MAINTENANCE BOOKLET; SERIES SIZE: BVD17; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	
0628980	RACK, GEAR: PITCH: 8 X DIA 120 MM; FACE WIDTH: 40 MM; LENGTH: 3 M; THICKNESS: 40 MM; MATERIAL: STL EN8; DRAWING NO: 0.63/13200 REV 0; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0717582	COUPLING: TYPE: RIGID; SIZE: 350 MM; MATERIAL: STEEL; CONNECTION 1 SIZE: 140 MM; CONNECTION 2 SIZE: 120 MM; REFERENCE NO: 350	EA
0726290	INSERT, FLEXIBLE COUPLING: TYPE: TIRE; SIZE: F90; MATERIAL: RUBBER; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0781517	GEARBOX: TYPE: WORM; RATIO: 126:1; SPEED: 4 TO 180 RPM; POWER: 0.25 TO 1.5 KW; TYPE: GF125.3; WITH F14 ACTUATOR MOUNTING FLANGE MOUNTING VERSION; LL. DRIVEN BY A MUTLI-TURN ACTUATOR TYPE; SAR 14.1/F14 THIS GEARBOX IS USED TO DRIVE ID FANS RVC. WATER RESISTANT: IP67; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0025293	PLATE: TYPE: DRIVE; DIMENSIONS: ID 115 X OD 372 X THK 3 MM; MATERIAL: STL; SUPPL P/N: 375D; REFERENCE NO: 14-5FCU; FLUID COUPLING	EA
0025534	WHEEL: TYPE: TRAVEL TRAIL CARRIAGE; HUB SIZE: 100 MM; OUTSIDE DIAMETER: 460 MM; WIDTH: 140 MM; MATERIAL: CRMOBDENUM; REFERENCE NO: 1202; 120-Z21-130; USE ON TRIPPER CARRIAGE AND TRAILING CARRIAG E RAIL MOUNTED BOGIE	EA
0025942	PLATE: DIMENSIONS: ID 127 X OD 460 X THK 5 MM; MATERIAL: STL; APPLICATION: FLUID COUPLING DRIVE; SUPPL P/N: 460D	EA
0025942	PLATE: DIMENSIONS: ID 127 X OD 460 X THK 5 MM; MATERIAL: STL; APPLICATION: FLUID COUPLING DRIVE; SUPPL P/N: 460D	EA
0031516	RING: TYPE: CLARIFIER SLEW; INSIDE DIAMETER: 715 MM; OUTSIDE DIAMETER: 980 MM; WIDTH: 100 MM; MATERIAL: STL; DRAWING NO: 2230-25707-45M REV 1; REFERENCE NO: RKS22302-5707XX; WITH OUTER GEARS, FOR SKF BEARING	EA
0037820	COVER: TYPE: BULLSEYE; DIMENSIONS: ID 125 X OD 183 X DP 20 MM; MATERIAL: ALUMINIUM; SUPPL P/N: PT 1-A2-000297; FOR USE ON	EA

	VOLUMETRIC COAL FEEDER DOORS	
0037877	WHEEL: TYPE: GENERAL PURPOSE; HUB SIZE: 25 MM; OUTSIDE DIAMETER: 152 MM; WIDTH: 50 MM; MATERIAL: RUBBER; SOLID, WHITE PVC BUSH IN CENTRE HOLE	EA
0038639	PADDLE: TYPE: ASH CONDITIONER; DIMENSIONS: WD 400 X LG 430 X THK 25 MM; MATERIAL: MS; DRAWING NO: 063/49165 REV 1; 12MM MIN AND 16MM MAX, PLATE CUT AND DRILLED IN ACCORDANCE WITH TEMPLATE HELD AT LETHABO, WEARING FACES TO BE CAPPED WITH TWO PARTS ALUMINIA CERAMIC WEAR RESISTANT MATERIAL EQUIVALANT TO ITU 127, CAPS TO BE REINFORCED WITH EXPANDED METAL FOR BETTER ADHESION; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0044280	COVER: TYPE: CASING NDE; DIMENSIONS: ID 210 X OD 930 X HT 510 MM; MATERIAL: STL; COLOR: BLACK; APPLICATION: FEED PUMP; SPECIFICATION: ISO 9001; MODEL NO: HPTPOK250-305-5S/33; REFERENCE NO: 104-128-171-202; 163-01; FOR USE ON SULZER 50 PCT ELECTRIC FEED PUMP	EA
0044281	COVER: TYPE: DE; DIMENSIONS: DIA 640 X HT 320 MM; MATERIAL: STL; COLOR: BLACK; APPLICATION: FEED PUMP; SPECIFICATION: ISO 9001; MODEL NO: HPTPOK250-305-5S/33; REFERENCE NO: 104-128-177-202; 161-01; FOR USE ON ELECTRIC FEED PUMP	EA
0070751	BALL: SUPPL P/N: 350-126; UPPER BALL; 6 OFF; USED ON JOHNSON GIRTH GEAR LUBRICATION PUMP	EA
0098150	CONE: TYPE: CLARIFIER; DIMENSIONS: ID 209 X OD 310 X WD 85 MM; MATERIAL: RUBBER; OA 06 OO OA OC NN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0101250	RING: TYPE: INTERMEDIATE; INSIDE DIAMETER: 410.5 MM; OUTSIDE DIAMETER: 449.5 MM; WIDTH: 3 MM; MATERIAL: STAINLESS STEEL; MODEL NO: HPTPK250-305-5S/33; FOR USE ON ELECTRIC FEED PUMP	EA
0500386	RING: TYPE: BASE; MATERIAL: CI AUSTENITIC; GRADE: 1.4021; APPLICATION: GATE VALVE; COLOR: METALLIC	EA
0563427	CONE: TYPE: SUCTION; DIMENSIONS: DIA 3.3M X DP 980MM; MATERIAL: MILD STEEL; INDUCED DRAUGHT FAN SUCTION CONE; MATERIAL CERTIFICATE MUST BE DELIVERED WITH THE ID FAN SUCTION CONES; DRAWING TO ACCOMPANY THE CONES ON DELIVERY; THIS IS TO BE USED FOR VERIFICATION PURPOSES (VIEWING) AS PART OF THE QUALITY CHECK PROCESS; THE DRAWING NUMBER IS 27/C 40 714; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0628929	WHEEL: TYPE: RAIL; HUB SIZE: 40 MM; OUTSIDE DIAMETER: 300 MM; WIDTH: 75 MM; MATERIAL: STL BS 3100 CAST; DRAWING NO: 0.63/25598 REV 0	EA
0628931	WHEEL: TYPE: TIRED; HUB SIZE: 120 MM; OUTSIDE DIAMETER: 380 MM; WIDTH: 90 MM; MATERIAL: CI; SUPPL P/N: PH380/75 (120); SHOULDER TO BE MACHINED ON BOTH SIDES OF HUB: 10.5MM DEEP; DIAMETER: 131MM; CENTRE CAST IRON TO BS1452: 1977: GRADE 200 OR STEEL BS970: PART NUMBER 080M40; TYRE POLYESTER BASED POLYMER OF 92 DEG C PLUS OR MINUS 3 DEG C SHORE HARDNESS; TIRE TREAD WIDTH: 75MM; THE TYRE MUST BE REPLACEABLE WITH PRESS ON BAND WHEEL WHEN WORN; REPLACEMENT PART M NUMBER FOR PRESS ON BAND: PH380/3	EA
0641506	BASE: TYPE: VERTICAL MOUNTED PLATE; WIDTH: 120 MM; LENGTH: 216 MM; HEIGHT: 27.1 MM; MATERIAL: PC/ABS; INFLAMMABILITY UL94 VO; SUPPL	EA

	P/N: RH924YF; FCP280	
0666294	COVER: TYPE: BAR TO BAR INSULATING HOODS; DIMENSIONS: LG 300 X HT 250 MM; MATERIAL: GLASS FIBER; COLOR: DARK GREY; APPLICATION: GENERATOR STATOR; OEM P/N: D38353253000/0; F; 1; DRAWING NO: 69001069 G REV 0	EA
0666304	COVER: TYPE: BRACELET; DIMENSIONS: LG 250 X THK 50 MM; MATERIAL: GLASS FIBER; COLOR: DARK GREY; APPLICATION: GENERATOR STATOR; OEM P/N: D69402469P20, OEM: GE STEAM POWER SERVICE; DRAWING NO: 69001070 M; 69001069 P	EA
0748549	BODY: TYPE: DOWNWARD SPRAY; DIMENSIONS: HT 260 X DIA 190 MM; MATERIAL: POLYPROPYLENE; HUB SIZE: 190 MM; MAX OPERATING TEMPERATURE REQ 60 DEGREES. COLOR BLACK. DIMENSIONS: OVERALL LENGTH APPROX. 260 MM. NOZZLE OUTLET SIZE MUST RANGE FROM 25-30 MM AS MINIMUM BY MEANS OF CUTTING TO SIZE. NOZZLE INLET APPROX 50 MM. SPRAYER CONNECTION MUST FIT 80 MM CUT HOLE IN A 250 MM DIAMETER PIPE AND BE ABLE TO BE SECURED INTO POSITION; FOR USE IN LETHABO PS WET COOLING TOWERS. APPLICABLE DRAWING FOR ILLUSTRATION OF REQUIRED NOZZLE 0.63/10092. TECHNICAL EVALUATION CRITERIA SUBMISSION OF DATASHEET AND ILLUSTRATION OF PROPOSED SPRAYER INDICATING BASIC DIMENSIONS, MATERIAL OF CONSTRUCTION, NOZZLE SIZE RANGE, PIPE CONNECTION TYPE AND SIZE, MAXIMUM OPERATING TEMPERATURE.; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0762294	LINER: TYPE: RIO CARB; DIMENSIONS: L 12000 x H 1000 x T 10 MM; MATERIAL: CHROMIUM CARBIDE; APPLICATION: COAL PLANT BOTTOM LINERS; 1 SET OF 25 RH AND 25 LH; INCLUDING CUTTING: BENDING: GRINDING AND PAINTING; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA

2.1 Purchaser's design

The Supplier shall supply goods that fully comply with the specifications, drawings, standards, and requirements set out in the Contract Data and the Goods Information

The goods shall be new, of merchantable quality, free from defects in design, materials, and workmanship, and suitable for the intended purpose as described in the Contract

Any deviations from the specified requirements must be formally submitted for approval by the Purchaser before delivery.

The Supplier shall ensure that any materials or components used in the goods are compatible with Eskom's operational environment and meet Eskom's safety and environmental requirements

The Supplier shall package and mark the goods in accordance with best industry practices and any specific instructions provided by the Purchaser to prevent damage during transit and storage.

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

The Supplier shall supply goods that fully comply with the specifications, drawings, standards, and requirements set out in the Contract Data and the Goods Information

Any deviations from the specified requirements must be formally submitted for approval by the Purchaser before delivery.

2.3 Use of *Supplier's* design

The *Purchaser* is allowed to use the designs, drawings and documents for the purpose of verifying goods supplied goods and the fulfilment of PQP/ CQP/QCP

2.4 Manufacture & fabrication

Not Applicable

2.5 Factory acceptance testing (FAT)

Not Applicable

2.6 Other tests and inspections and commissioning in place of use

All goods are to be tested, and quality checked by the *Supply Manager* engineers upon Delivery. The *Supplier* does not need to witness the test and quality checks.

2.7 Operating manuals and maintenance schedules

Where applicable; test certificates, material certificate, manuals, General Arrangement (GA) drawing/s, Approved Inspection Authority (AIA) stamp and signature provided as required. All documents must be obtained during or before delivery of goods.

Data capturing forms information must be supplied and must meet an acceptable level

3. Supply Requirements

The following are supplier's requirements:

- a) The spares and Components will be supplied to the "goods received" section of the Lethabo main store where they will be received by the material management section. The materials will be delivered with all of the required data books and certificates, where required.

Lethabo Stores Working Times:

Monday – Thursdays: 07h00 – 16h00
Fridays: 07h00 – 12h00

- b) Only once the spares have passed the Quality control checks and are booked into the system can payment be affected.
- c) The Delivery and Transport Costs (including off-loading items) must be included in the quotation.

The following packaging requirements should be adhered to:

- a) The material shall be packaged in such a manner that they can be transported and stored for an extended period of time without resulting in damage to the spares.
- b) This includes damage due to moisture ingress, corrosion, vibration from the power station etc.
- c) Where lifting gear is utilized to move the goods, the packaging should allow the lifting operation and ensure that the goods are not damaged in any way during the process.
- d) It will also not be necessary to open packaging for any lifting or transport operation.
- e) Where eyebolts are fitted to move the goods, these eyebolts should be fitted in such a way that they can be easily removed and replaced with the Purchaser's eyebolts, ensuring that the packaging stays intact.
- f) Where possible the packaging should ensure that parts can be positively identified through the packaging. Where this is not possible, the packaging should allow opening and closing of the packaging and still maintain the packaging integrity afterwards.

g) Delivery packaging to have the following detail on it as a minimum (removable adhesive sticker if possible):

- Order number,
- A short description of the component
- Eskom stock number
- Manufacturing date, where possible

4. Specification of the services to be provided

Refer to Lethabo Power Station scope of work for the supply and delivery of Rotating Equipment & Power Transmission on a once-off order to Lethabo Power Station.

5. Constraints on how the *Supplier* Provides the Goods

5.1 Programming constraints

All Goods shall be delivered in accordance with Clause 30.1 of this Contract, and any delays or changes to the delivery date shall be dealt with in accordance with Clause 16.1 of this Contract.

5.2 Work to be done by the Delivery Date

Not applicable to this contract.

5.3 Marking the goods

The Supplier shall mark all goods clearly and durably in accordance with the Purchaser's requirements and applicable standards.

Each item shall be labelled with at least the following information:

- Purchase Order number
- Supplier's name or identification
- Item description and part number or stock code
- Batch or serial number (where applicable)
- Date of manufacture or packing

The marking shall be legible, resistant to damage, and positioned so as not to impair the function or appearance of the goods.

Any deviations from these marking requirements must be approved in writing by the Purchaser prior to delivery

5.4 Constraints at the delivery place and place of use

The Supplier shall adhere to Eskom speed limit of 40 km/h while driving on site. The preferred delivery times are Monday to Thursday between 07:00-16:00 and Friday between 07:00-12:00. However, for urgent delivery, the Supplier will communicate with the Supply Manager to agree on the time and date of delivery.

The Supplier shall adhere to Eskom Life Saving rules.

5.5 Cooperating with Others

The Supplier cooperates with the Lethabo Power Station stores personnel during Delivery.

The Supplier co-operates with the Purchasers team in ensuring that the goods are delivered in accordance with all requirements.

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

a) The Supplier provides offloading people to assist with offloading at receiving.

NB: The Supplier offloading team names must be part of the valid approved safety file

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	When the need arises	TBC	Purchaser, Supplier, and Cross functional team members
Overall contract progress and feedback	When the need arises	TBC	Purchaser, Supplier, and Cross functional team members

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 contractual communications will be in the form of properly compiled letters or forms attached to e-mails and not as a message in the e mail itself.

The manufacturing data books shall be submitted in hardcopy and soft copy format.

5.9 Health and safety risk management

- The Supplier complies with Section 10 of Occupational Health and Safety Act (Act No.85 of 1993) when manufacturing any goods for this Contract.
- The Supplier shall comply with Site health and safety requirements for Lethabo Power Station when delivering goods
- Site Delivery safety requirements to be adhered to - And can be obtained through the Purchaser's Manager In line with the SHE specification
- The Supplier submits safety file for approval before access is granted
- The Supplier maintains the safety file validity in line with Site requirements
- The mode of transport for Delivery should comply with Site requirement in line with issued SHE specification
- Supplier to update their safety file yearly and each time they make changes on their staff or personnel
- The Supplier ensures that when changing a team member, the new team gets inducted and all process of safety file approval is adhered to- before gaining access to site

5.10 Environmental constraints and management

The Supplier shall comply with the environmental criteria and constraints when doing deliveries at Lethabo Power Station premises regarding:

- The vehicle used for Delivery; by ensuring that there are no oil spillages, and the vehicle emission is not emitting beyond limits

- j) The material used for supporting the goods being delivered are correctly disposed and are without harm to environment. The Supplier must comply with Site Environmental management plan (EMP) and other requirement.
- k) The Supplier complies with Environmental aspect and impact register
- l) The Supplier complies with all Site environmental management procedures, especially the waste management and oil spillages.

5.11 Quality

Supplier must ensure that product is packaged and transported in such a way that it safe, well stacked and preserved.

To ensure conformance to Quality Management Systems Standards the following standards must be followed:

- ISO 9001:2015 Quality Management System requirements.
- ISO10005 – Quality Management System Guidelines for Quality Plans
- ISO10006 – Quality Management Systems Guidelines for Quality Management in Projects
- ISO10007 – Quality Management Systems Guidelines for

Configuration Management ISO31000 – Risk Management Principles &

Guideline.

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; Procedure for invoice submission and payment

- All Electronic invoices must be sent in PDF format only.
- An Invoice that was printed and then scanned to PDF by the Vendor is not acceptable as this is not an original tax invoice by SARS definition but a copy.
- The following wording needs to appear on the invoice: "Your invoice is encrypted in order to comply with SARS requirements that invoices, and statements sent electronically are tamperproof."
- All queries and follow up on invoice payments should made by contacting the FSS Contact Centre: Tel: 011 800 5060 or email: fss@eskom.co.za.

5.13 Contract change management

The change management process to be followed as per the core clause 16.1. Any verbal instruction/communication must be backed with a written instruction; the use of minutes, letters or emails is accepted. Any communication must go through the *Purchaser's* manager.

5.14 Provision of bonds and guarantees

The form in which a bond or guarantee required by the *conditions of contract* (if any) is to be provided by the *Supplier* is given in Part 1 Agreements and Contract Data, document C1.3, Sureties.

The *Purchaser* may withhold payment of amounts due to the *Supplier* until the bond or guarantee required in terms of this contract has been received and accepted by the person notified to the *Supplier* by the *Supply Manager* to receive and accept such bond or guarantee. Such withholding of payment due to the *Supplier* does not affect the *Purchaser's* right to termination stated in this contract.

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

Early warning to be given by any of the Parties as soon either becomes aware of matters that could increase the total of total Prices, delay Completion etc. All the Compensation events will be implemented through the raising of an early warning. See NEC Core clause 16.1 and 63.1 and 63.2.

Risk and Mitigation Factor

RISK	MITIGATING FACTORS	LEVEL (HIGH/MEDIUM/LOW)
Safety : Non- compliance to all legal requirements.	1.Driver training & competence 2.Strict adherence to the rules and Eskom vehicle specifications 3.Strict adherence to Eskom offloading processes 4.Adherence to vehicle maintenance plans and daily inspections	High
Quality: Quality requirements categorisation	Category 3 - Quality Requirements to be met.	Medium
Any National and/or International Standards that the company is subjected to and the key internal controls that the company put in place to satisfy set standards	240-68099512 Form A: The tenderer must complete and sign this form to acknowledge and accept Eskom Supplier Quality Requirements as per QM 58 Specification and ISO 9001 Standard (category 3) 240-12248652 List of Tender Returnables: comply with stipulated documented information for evaluation purposes (category 3) 240-105658000 – Supplier Quality Management Specifications (QM 58)	Medium
Quality Management Documents Requirements	A fully detailed Quality Control Plan (QCP) for acceptance within three (3) weeks of the Contract Date, which details all the aspects of the quality management system to be applied. It includes the methods that will be utilized to ensure quality assurance, control and improvement of the identified activities as stated in the Scope of Works The service provider shall deliver the procured Steel with the data book. The data book shall consist of the following documents: - Signed off manufacturing quality control plan. - Destructive and Non-Destructive testing reports. - Visual and dimensional report	Medium

	Heat treatment charts, chemical certificate and Hardness report. All concessions if there is any	
Preservation and transportation Requirements	The service provider is to ensure that all products are preserved in their appropriate manner as described in their specifications or in Eskom's Preservation, Shipping and Transportation procedures as applicable. The service provider ensures that all storage requirements for products are properly implemented to preserve the products against adverse conditions, deterioration, damage, etc. Storage and preservation procedures for the different products must be submitted to the <i>client</i> for review and acceptance. The <i>client</i> may request to inspect the stored products at any given point during the storage period of the product	Medium
Environment	- Contractor to be familiarized with Lethabo waste management procedure. - Contractor to be familiarised with Eskom SHEQ Policy. - Contractor shall report all incidents or risks whilst on the job to the Eskom Project leader who will inform the environmental department - No work to be conducted on site	Medium

6. Procurement

1. 6.1 SDL&I Commitments: Undertakings by the Supplier

- 1.1 The Supplier shall adhere to the SDL&I Obligations set out below, covering Local Content; procurement/subcontracting from Black Designated Groups, Skills development, and Job Creation.
- 1.2 The Supplier undertakes to achieve and fulfil these SDL&I Obligations during the Contract Period or at an earlier date.

Local Content	Tenderer Proposal
	100%

Procurement from Designated Group	Tenderer Proposal
Black Owned	15%

Number of Jobs to be created	Number of Jobs to be retained

- 1.3 The Supplier shall keep accurate records and provide to Eskom reports on the actual delivery against the above SDL&I obligations on a quarterly basis.
- 1.4 Following the receipt of the report in clause 1.3 above, Eskom shall review the report, request supporting evidence where necessary and issue the supplier with a performance review report.
- 1.5 The supplier shall have one opportunity to request revision of the outcome by submitting new evidence to support its claims.
- 1.6 The supplier's failure to comply with the above SDL&I obligations constitutes substantial failure on the part of the contractor to comply with his obligations under this contract, therefore a penalty of 1% of the contract value shall be imposed.

7. List of drawings

7.1 Drawings issued by the *Purchaser*

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

Drawing number	Revision	Title

C3.2 *SUPPLIER'S* 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.
