



NEC3 Term Service

Short Contract (TSSC3)

A contract between **Eskom Holdings SOC Ltd**
(Reg No. 2002/015527/30)

and

for FULL REFURSBISHMENT AND TESTING OF MEDIUM VOLTAGE
MOTORS FROM ARNOT POWER STATION

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C1 Agreements & Contract Data

C1.1 Form of Offer and Acceptance

Offer

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

FULL REFURSBISHMENT, TESTING AND DELIVERY OF MEDIUM VOLTAGE MOTORS FROM ARNOT POWER STATION

The tenderer, identified in the signature block below, having examined the documents listed in the Tender Data and addenda thereto as listed in the Tender Schedules, and by submitting this Offer has accepted the Conditions of Tender.

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 Contractor 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 Prices inclusive of VAT is	R
(in words)	

This Offer may be accepted by the Employer by signing the form of Acceptance overleaf 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 Contractor 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

Tenderer's CIDB registration number:

Acceptance

By signing this part of this Form of Offer and Acceptance, the Employer identified below accepts the tenderer's Offer. In consideration thereof, the Employer shall pay the Contractor 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 Employer 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 1 Agreements and Contract Data, (which includes this Form of Offer and Acceptance)

Part 2 Pricing Data

Part 3 Scope of Work: Service Information

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 Tender Schedules as well as any changes to the terms of the Offer agreed by the tenderer and the Employer 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, which must be signed by the duly authorised representative(s) for both parties.

The tenderer shall within one week of receiving a completed copy of this Agreement, including the Schedule of Deviations (if any), contact the Employer'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 copy of this document, including the Schedule of Deviations (if any) together with all the terms of the contract as listed above.

Signature(s)

Name(s)

Capacity

**for the
Employer**

(Insert name and address of organisation)

Name &
signature of
witness

Date

Note: If a tenderer wishes to submit alternative tender offers, further copies of this document may be used for that purpose, duly endorsed, 'Alternative Tender No. _____'

Schedule of Deviations

Note:

1. To be completed by the Employer prior to award of contract. 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 Employer 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 Employer 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 Employer 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 Employer

Signature _____

Name _____

Capacity _____

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

(Insert name and address of organisation)

Name & signature of witness _____

Date _____

C1.2 Contract Data

Data provided by the *Employer*

[Instructions to the contract compiler: (delete these two notes in the final draft of a contract)]

1. Please read the relevant clauses in the NEC3 Term Service Short Contract (April 2013) (TSSC3)¹ before you enter data. The number of the principal clause is shown for most statements however other clauses may also use the same data.
2. Where the following symbol is used “[•]” - data is required to be inserted.]

Completion of the data in full is essential to create a complete contract.

Clause	Statement	Data
General		
10.1	The <i>Employer</i> is (Name):	Eskom Holdings SOC Ltd (reg no: 2002/015527/30), a state owned company incorporated in terms of the company laws of the Republic of South Africa
	Address	Registered office at Megawatt Park, Maxwell Drive, Sandton, Johannesburg
	Tel No.	013 297 9787
	Fax No.	086 654 2986
	E-mail address	nkosisw@eskom.co.za
	If the <i>Employer</i> appoints an <i>Employer's Agent</i> , the <i>Employer's Agent</i> is:	
14.5	Name	[•]
	Address	[•]
	Tel No.	[•]
	Fax No.	[•]
	E-mail address	[•]
	The authority of the <i>Employer's Agent</i> is	[•]
11.2(5)	The <i>service</i> is	FULL REFURBISHMENT, TESTING AND DELIVERY OF MEDIUM VOLTAGE MOTORS FROM ARNOT POWER STATION.
11.2(6)	The Service Information is in	the document called 'Service Information' in Part 3 of this contract.
30.1	The <i>starting date</i> is.	
30.1	The <i>service period</i> is.	
13.2	The <i>period for reply</i> is	2 weeks
50.1	The <i>assessment day</i> is the	A week after each service

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

51.2	The interest rate on late payment is	0% per complete week of delay. [Insert a rate only if a rate less than 0.5% per week of delay has been agreed]
80.1	The <i>Contractor</i> is not liable to the <i>Employer</i> for loss of or damage to the <i>Employer's</i> property in excess of	the amount of the deductibles relevant to the event described in the "Format TSSC3" insurance policy available on http://www.eskom.co.za/Tenders/InsurancePoliciesProcedures/Pages/EIMS_Policies_From_1_April_2014_To_31_March_2015.aspx
82.1	The <i>Employer</i> provides this insurance	as stated for "Format TSSC3" available on http://www.eskom.co.za/Tenders/InsurancePoliciesProcedures/Pages/EIMS_Policies_From_1_April_2014_To_31_March_2015.aspx (See Annexure A for basic guidance)
82.1	The minimum amount of cover for the first insurance stated in the Insurance Table is:	the amount of the deductibles relevant to the event described in the "Format TSSC3" insurance policy available on http://www.eskom.co.za/Tenders/InsurancePoliciesProcedures/Pages/EIMS_Policies_From_1_April_2014_To_31_March_2015.aspx
82.1	The minimum amount of cover for the third insurance stated in the Insurance Table is:	whatever the <i>Contractor</i> deems necessary in addition to that provided by the <i>Employer</i>.
82.1	The minimum amount of cover for the fourth insurance stated in the Insurance Table is:	As prescribed by the Compensation for Occupational Injuries and Diseases Act No. 130 of 1993 and the <i>Contractor's</i> common law liability for people falling outside the scope of the Act with a limit of Indemnity of not less than R500 000 (Five hundred thousand Rands)
	Does the United Kingdom Housing Grants, Construction and Regeneration Act (1996) apply?	No
93.1	The <i>Adjudicator</i> is	the person selected from the ICE-SA Division (or its successor body) of the South African Institution of Civil Engineering Panel of Adjudicators by the Party intending to refer a dispute to him. (see www.ice-sa.org.za). If the Parties do not agree on an Adjudicator the Adjudicator will be appointed by the Arbitration Foundation of Southern Africa (AFSA).
	Address	[•]
	Tel No.	[•]
	Fax No.	[•]
	e-mail	[•]

93.2(2)	The <i>Adjudicator nominating body</i> is:	the Chairman of ICE-SA a joint Division of the South African Institution of Civil Engineering and the London Institution of Civil Engineers. (See www.ice-sa.org.za) or its successor body
93.4	The <i>tribunal</i> is:	arbitration.
	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.
	The place where arbitration is to be held is	[•] South Africa
	The person or organisation who will choose an arbitrator	
	- if the Parties cannot agree a choice or	the Chairman for the time being or his nominee
	- if the arbitration procedure does not state who selects an arbitrator, is	of the Association of Arbitrators (Southern Africa) or its successor body.

The *conditions of contract* are the NEC3 Term Service Short Contract (April 2013)²³ and the following additional conditions Z1 to Z11 which always apply:

Z1 Cession delegation and assignment

- Z1.1 The *Contractor* does not cede, delegate or assign any of its rights or obligations to any person without the written consent of the *Employer*.
- Z1.2 Notwithstanding the above, the *Employer* may on written notice to the *Contractor* 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 Change of Broad Based Black Economic Empowerment (B-BBEE) status

- Z2.1 Where a change in the *Contractor's* legal status, ownership or any other change to his business composition or business dealings results in a change to the *Contractor's* B-BBEE status, the *Contractor* notifies the *Employer* within seven days of the change.
- Z2.2 The *Contractor* is required to submit an updated verification certificate and necessary supporting documentation confirming the change in his B-BBEE status to the *Employer* within thirty days of the notification or as otherwise instructed by the *Employer*.
- Z2.3 Where, as a result, the *Contractor's* B-BBEE status has decreased since the *starting date* the *Employer* may either re-negotiate this contract or alternatively, terminate the *Contractor's* obligation to Provide the Service.
- Z2.4 Failure by the *Contractor* to notify the *Employer* of a change in its B-BBEE status may constitute a reason for termination. If the *Employer* terminates in terms of this clause, the procedures on termination are those stated in Clause 91.1 and the amount due on termination includes amounts listed in Clause 92.1 less a deduction of the forecast additional cost to the *Employer* of completing the *service*.

² If the previous edition applies change 'April 2013' for 'September 2009'.

³ State whether attached as a 'PDF' file in terms of Eskom's licence, or to be obtained from Engineering Contract Strategies Tel 011 803 3008, Fax 086 539 1902 or www.ecs.co.za

Z3 Confidentiality

- Z3.1 The *Contractor* does not disclose or make any information arising from or in connection with this contract available to others except where required by this contract. This undertaking does not, however, apply to information which at the time of disclosure or thereafter, without default on the part of the *Contractor*, enters the public domain or to information which was already in the possession of the *Contractor* at the time of disclosure (evidenced by written records in existence at that time). Should the *Contractor* disclose information to others where required by this contract the *Contractor* ensures that the provisions of this clause are complied with by the recipient.
- Z3.2 If the *Contractor* is uncertain about whether any such information is confidential, it is to be regarded as such until notified otherwise by the *Employer*.
- Z3.3 In the event that the *Contractor* is, at any time, required by law to disclose any such information which is required to be kept confidential, the *Contractor*, to the extent permitted by law prior to disclosure, notifies the *Employer* 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 *Contractor* 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.
- Z3.4 The taking of images (whether photographs, video footage or otherwise) of the *Employer's* property or any portion thereof, in the course of Providing the Service and after the end of the *service period*, requires the prior written consent of the *Employer*. All rights in and to all such images vests exclusively in the *Employer*.
- Z3.5 The *Contractor* ensures that all his subcontractors abide by the undertakings in this clause.

Z4 Waiver and estoppel: Add to clause 12.2:

- Z4.1 Any extension, concession, waiver or relaxation of any action stated in this contract by the Parties or their delegates 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.

Z5 Health, safety and the environment

- Z5.1 The *Contractor* undertakes to take all reasonable precautions to maintain the health and safety of persons in and about the execution of the *service*. Without limitation the *Contractor*:
- warrants that the total of the Prices as at the Contract Date includes a sufficient amount for proper compliance with the Construction Regulations, 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 *service*; and
 - undertakes, in and about the execution of the *service*, to comply with the Construction Regulations and 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 *Contractor's* direction and control, likewise observe and comply with the foregoing.
- Z5.2 The *Contractor*, in and about the execution of the *service*, 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 *Contractor's* direction and control, likewise observe and comply with the foregoing.

Z6 Provision of a Tax Invoice and interest. Add to clause 50

- Z6.1 The *Contractor* provides the *Employer* with a tax invoice in accordance with the *Employer's* procedures stated in the Service Information, showing the correctly assessed amount due for payment.
- Z6.2 If the *Contractor* does not provide a tax invoice in the form and by the time required by this contract, the time by when the *Employer* 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 *Employer* in terms of clause 51.2 is then calculated from the delayed date by when payment is to be made.
- Z6.3 The *Contractor* is required to comply with the requirements of the Value Added Tax Act, no 89 of 1991 (as amended) and to include the *Employer's* VAT number 4740101508 on each invoice he submits for payment.

Z7 Notifying compensation events

- Z7.1 Delete from the last sentence in clause 61.1, "unless the event arises from an instruction of the *Employer*."

Z8 *Employer's* limitation of liability; Add to clause 80.2

- Z8.1 The *Employer's* liability to the *Contractor* for the *Contractor's* indirect or consequential loss is limited to R0.00 (zero Rand).

Z9 Termination: Add to clause 90.2, after the words "or its equivalent":

- Z9.1 or had a business rescue order granted against it.

Z10 Addition to Clause 50.4

- Z10.1 If the amount due for the *Contractor's* payment of *delay damages* reaches the limits stated in a Task Order (if any), the *Employer* may terminate the *Contractor's* obligation to Provide the Service.
- Z10.2 If the *Employer* terminates in terms of this clause, the procedures on termination are those stated in Clause 91.1 and the amount due on termination includes amounts listed in Clause 92.1 less a deduction of the forecast additional cost to the *Employer* of completing the *service*.

Z11 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>Contractor</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>Contractor</i> , or any member thereof in the case of a joint venture, or its employees, agents, or Subcontractors or the Subcontractor's employees,
Corrupt Action	means the offering, giving, taking, or soliciting, directly or indirectly, of a good or service to unlawfully or illegally influence the actions of an Affected Party,
Fraudulent Action	means any unlawfully or illegally intentional act or omission that misleads, or attempts to mislead, an Affected Party, in order to obtain a financial or other benefit or to avoid an obligation or incurring an obligation,
Obstructive Action	means a Committing Party unlawfully or illegally destroying, falsifying, altering or concealing information or making false statements to materially impede an investigation into allegations of Prohibited Action and
Prohibited Action	means any one or more of a Coercive Action, Collusive Action Corrupt Action, Fraudulent Action or Obstructive Action.

- Z 11.1 A Committing Party may not take any Prohibited Action during the course of the procurement of this contract or in execution thereof.
- Z 11.2 The *Employer* may terminate the *Contractor's* obligation to Provide the Service if a Committing Party has taken such Prohibited Action and the *Contractor* did not take timely and appropriate action to prevent or remedy the situation, without limiting any other rights or remedies the *Employer* has. It is not required that the Committing Party had to have been found guilty, in court or in any other similar process, of such Prohibited Action before the *Employer* can terminate the *Contractor's* obligation to Provide the Service for this reason.
- Z 11.3 If the *Employer* terminates the *Contractor's* obligation to Provide the Service for this reason, the amounts due on termination are those intended in core clauses 92.1 and 92.2.
- Z 11.4 A Committing Party co-operates fully with any investigation pursuant to alleged Prohibited Action. Where the *Employer* does not have a contractual bond with the Committing Party, the *Contractor* ensures that the Committing Party co-operates fully with an investigation.

Annexure A: Insurance provided by the Employer

These notes are provided as guidance to tendering contractors and the Contractor about the insurance provided by the Employer. The Contractor must obtain its own advice. Details of the insurance itself are available from the internet web link given below.

1. Services provided in a TSSC3 contract could include some element of construction or refurbishment as well as a continuous maintenance or operational service activity. If an event occurs which causes loss or damage, a claim could be made either against the *Employer's* "works" policy which may be in place for the *Employer's* portion of the property affected by the *service* or against the *Employer's* "assets" policy which may be in place for the *Employer's* portion of the property affected by the *service*, or both.
2. The cover provided and the deductibles under the works policy are different to those under the assets policy. Each policy has a range of applicable deductibles depending on the location of the property affected by the *service* and the nature of the insurable event.
3. The *Contractor* is required in terms of Contract Data for clause 82 to provide cover for the deductibles in the insurance provided by the *Employer*. This can be provided from the *Contractor's* own resources on a 'self insured' basis or obtained by him from his own insurers. In order to assess the extent of this cover, tendering contractors and their brokers should consult the internet web link given below and scroll to '**Format TSSC3**' to establish both the cover and the deductibles in relation to the *service* provided in terms of this contract.
4. Tendering contractors should note that cover provided by the *Employer* is only per the policies available on the internet web link listed below and may not be the cover required by the tendering contractor to cover his risks as intended by each of the listed insurances in the left hand column of the Insurance Table in clause 82.1. In terms of clause 82.1 "the *Contractor* provides the insurances stated in the Insurance Table. The *Contractor* does not provide an insurance which the *Employer* is to provide as stated in the Contract Data". Hence the *Contractor* provides insurance which the *Employer* does not provide and in cases where the *Employer* does provide insurance the *Contractor* insures for the difference between what the Insurance Table requires and what the *Employer* provides.
5. Part 2 of the contract will include a requirement for the tendering contractor to identify the cost of insurance which he has allowed for in his Prices, given the foregoing guidance, either as a separate priced item or
6. **Further information and full details of all Eskom provided policies and procedures may be obtained from:**

http://www.eskom.co.za/Tenders/InsurancePoliciesProcedures/Pages/EIMS_Policies_From_1_April_2014_To_31_March_2015.aspx

Data provided by the Contractor (the Contractor's Offer)

The tendering contractor is advised to read both the NEC3 Term Service Short Contract (April 2013) and the relevant parts of its Guidance Notes (TSSC3-GN)⁴ in order to understand the implications of this Data which the tenderer is required to complete. An example of the completed Data is provided on page 24 of the TSSC3 Guidance Notes.

Completion of the data in full is essential to create a complete contract.

10.1	The <i>Contractor</i> is (Name):	[•]
	Address	[•]
	Tel No.	[•]
	Fax No.	[•]
	E-mail address	[•]
63.2	The percentage for overheads and profit added to the Defined Cost for people is	0.5%
63.2	The percentage for overheads and profit added to other Defined Cost is	1%
11.2(4)	The Price List is in	the document called 'Price List' in Part 2 of this contract.
11.2(4)	The offered total of the Prices for part of the <i>service</i> in Part 1 of the Price List is [Enter the total of the Prices from the Price List]:	R excluding VAT [in words] excluding VAT
11.2(4)	The offered total of the Prices for part of the <i>service</i> in Part 2 of the Price List is [Enter the total of the Prices from the Price List]:	R[•] excluding VAT [in words] [•] excluding VAT

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

C2 Pricing Data

C2.1 Pricing assumptions

The Price List is in two parts. Part 1 is for work described in the Service Information not requiring the *Employer* to issue a Task Order. Part 2 is for work to be carried out within a stated period of time on a task by Task basis and instructed by Task Order. The *service* may comprise work under Part 1 only or Part 2 only or a mix of both.

Entries in the first four columns of Part 1 of the Price List are made either by the *Employer* or the tenderer. Entries in the first four columns of Part 2 of the Price List would normally be made by the *Employer* as the Party most likely to know the kind of work which will be instructed by the issue of Task Orders. The tenderer then enters a rate for each item and multiplies it by the Expected quantity to produce the Price to be entered in the final column.

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

If the *Contractor* is to be paid an amount for the item of work which is the rate for the work multiplied by the quantity completed, the tenderer enters a rate for each item and multiplies it by the Expected quantity to produce the Price, to be entered in the final column.

If the *Contractor* is to be paid a Price for an item proportional to the length of time for which a service is provided, a unit of time is stated in the Unit column and the expected length of time (as a quantity of the stated units of time) is stated in the Expected quantity column.

The rates and Prices entered for each item includes for all work and other things necessary to complete the item.

C2.2 Price List

Part 1

The rates and Prices entered for each item includes for all work and other things necessary to complete the item.

Item no.	Description	Unit	Quantity	Rate	Price
1	U4 B PA Fan(A006923-02)	EACH	1		
2	Sluice P/P NO1 Motor(A002319-03)	EACH	1		
3	U3 B CEP P/P (2LM2327-01)	EACH	1		
4	AWR pump 4 (A002405)	EACH	1		
5	U5 B PA Fan Motor(A002100-03)	EACH	1		
6	AWR pump 1 (2LM2224-03)	EACH	1		
7	U2 C Mill Motor(A002061-03)	EACH	1		
8	CW Pump no1 motor	EACH	1		
9	U3 RH ID Fan motor (C004571-02)	EACH	1		
10	AWR pump 1 ()	EACH	1		
11	AWR (79021-05)	EACH	1		
12	U6A EFP(C005137-02)	EACH	1		
13	U2A EFP C004828-02	EACH	1		
14	U4A EFP Motor (C005137-03)	EACH	1		
15	AWR 79021-06	EACH	1		
16	AWR 79021-02	EACH	1		

Total of the Prices for Part 1

C3: Scope of Work

C3.1 Service Information

Refurbishment and repair of the MV motors as per the detailed scope of work described below.

Arnot Power Station Motor Repairs

FROM: (Company name)_____

TO: ARNOT POWER STATION

E-Mail to OLT :

OLT Number :

Ref. nr :

REPAIRS TO BE DONE ON THE FOLLOWING MOTOR AS DESCRIBED IN THE PRICE LIST AND TENDERED FOR IN THE PRICE LIST

MACHINE DETAILS			
<i>Make</i>	Actom	<i>Q</i>	3300 V
<i>Serial No.</i>	A006923-02	<i>Stator current</i>	109
<i>Kilo Watt</i>	520kW	<i>Frame Size/Type</i>	1LA1404-4
<i>Location</i>	Unit 4B PA fan Motor	<i>Speed</i>	1485

ASSESSMENT JOB NO:	HV22-8071	ENQUIRY NO:	EMD20220525B
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TENDER CLOSING DATE & TIME	
----------------------------	--

DELIVERY FROM RECEIPT OF ORDER:	WEEKS
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TOTAL TENDER VALUE THIS JOB NO:	
--	--

PRICE LIST:

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
TERMINAL BOX AND TERMINALS			
LEADS LINE SIDE	NO		
LEADS STAR POINT SIDE	NO		
TERMINAL CONNECTIONS LINE SIDE	NO		
TERMINAL CONNECTIONS STAR POINT SIDE	NO		
TERMINAL BOX LID LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LID STAR SIDE	YES	Replace gaskets	
TERMINAL BOX STAR POINT SIDE	YES	Replace gaskets	
AUXILIARY BOX	YES	Replace desicator	
HEAT EXCHANGER			
TUBING	NO		
HOUSING	NO		
GASKETS AND SEALS	NO		
FASTING BRACKETS	NO		
STATOR HOUSING			
FOOT MOUNTING	YES	Polish	
END SHIELD MOUNTING SPIGOTS DE	YES	Full concentricity checks to be done	
END SHIELD MOUNTING SPIGOTS NDE	YES	Full concentricity checks to be done	
WINDING ANT- CONDENSATION HEATERS	NO		

STATOR CORE & WINDING			
CORE	YES	Replace winding finger plate	
WINDING	YES	Rewind, VPI winding and install 6x off PT100's	
WEDGES	YES	Replace with new winding	
STATOR ID	NO		
ROTOR OD	NO		
OVERHAUL STATOR	YES	Mandatory	

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
ROTOR			
SHAFT EXTENTION	YES	Microweld coupling landing to maximum size	
SHAFT RUN OUT	YES	Max run out 0.03mm	
D/E BEARINGS JOURNAL	YES	Microweld and Machine to size 110.04mm	
D/E SEAL LANDINGS	YES	Polish	
N.D/E BEARING JOURNAL	NO		
N.D/E SEAL LANDINGS	NO		
D/E COOLING FAN	NO		
N. D/E COOLING FAN	NO		
EXTERNAL COOLING FAN	NO		
BALANCE ROTOR	YES	Balance at full speed	
FAN COWL	YES	Repair fan cowl	
ROTOR CORE & WINDINGS – SQUIRREL CAGE MOTOR			
ROTOR CORE	YES	Replace with new core	
ROTOR BARS	YES	Replace rotor bars with new design. Rotor bar size: 10x40 Rotor Core slot size: 10.7 x 40.6 Radial air gap: 2mm Number of Rotor Windings: 38 Rotor bar material: Copper	
SHORT CIRCUIT RINGS	YES	Fit new	
WELDING/BRAZING	YES	Fit with new short circuit rings	
OVERHAUL ROTOR	YES	Mandatory	

DESCRIPTION	Repairs Y/N	WORK TO BE DONE	PRICE
DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING BORE	NO		
BEARING CAP	YES	Replace bearing outer cap	
SUPPORT BRACKETS	NO		
DRIVE END BEARING HOUSING			
W/M SITE GLASS & PORTS	NO		
BEARING HOUSING O/D	NO		
BEARING HOUSING I/D	NO		
BEARING HOUSING FRONT/REAR COVER	NO		
W/M SLEEVE BEARING BORE	NO		
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
BEARING INSULATION	YES	Re-insulated and test	
BEARING HOUSING FIXING BOLTS	NO		
SEALS	YES	Replace V seal	
BEARINGS REPLACE	YES	NU222 C3 & 6222 C3	
BEARING CAP	NO		

DESCRIPTION	Repair Y/N	WORK TO BE DONE	PRICE
NON DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING SEAT	YES	Replace bearing outer cap	
SUPPORT BRACKETS	NO		
NON DRIVE END BEARING HOUSING			
W/M SITE GLASS & PORTS	NO		
BEARING HOUSING O/D	NO		
BEARING HOUSING I/D	NO		
BEARING HOUSING INNER & OUTER CAP	NO		
W/M SLEEVE BEARING BORE	NO		
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
BEARING INSULATION	YES	Re-insulate and test	
BEARING HOUSING FIXING BOLTS	NO		
SEALS	YES	Replace V seal	
BEARINGS REPLACE	YES	NU 222 C3	
ADDITIONAL WORK INFORMATION			PRICE
<ul style="list-style-type: none"> Fit new grease pipes 			
<ul style="list-style-type: none"> Fit new PT100 on DE & NDE 			

GENERAL ADDITIONALS	PRICE
ASSEMBLE, PAINT AND TEST RUN	
TRANSPORT TO ARNOT SITE	

LABOUR RATES		RATE
ARTISAN		
ASSISTANT		

GENERAL REQUIREMENTS	
HOLD POINTS:	
WITNESS OF TEST RUN REQUIRED	YES
MOTOR FAN COWLS SHALL BE PAINTED ORANGE	
MOTOR TERMINAL BOXES SHALL BE PAINTED RED	
MOTOR HOUSING SHALL BE PAINTED BATTLESHIP GREY	
FULL TEST, QC REPORTS AND WARRANTY TO BE SUBMITTED WITH DELIVERY	
DELIVERY NOTE AND INVOICE TO ACCOMPANY DELIVERY	
<i>WHEN LOADING MOTORS, BINS MUST BE PROVIDED TO CONTAIN SMALL SPARES</i>	
<i>THIS CANNOT BE MARKED. THIS BIN MUST BE CLEARLY IDENTIFIABLE.</i>	

Arnot Power Station Motor Repairs

FROM: (Company name)_____

TO: ARNOT POWER STATION

E-Mail to OLT :

OLT Number :

Ref. nr :

REPAIRS TO BE DONE ON THE FOLLOWING MOTOR AS DESCRIBED IN THE PRICE LIST AND
TENDERED FOR IN THE PRICE LIST

MACHINE DETAILS			
<i>Make</i>	ACTOM	<i>Voltage</i>	3300 V
<i>Serial No.</i>	A002319-03	<i>Stator current</i>	61
<i>Kilo Watt</i>	290kW	<i>Frame Size/Type</i>	1LA1 352
<i>Location</i>	Sluice Pump Motor 1	<i>Speed</i>	1474

ASSESSMENT JOB NO:	HV22-8133	ENQUIRY NO:	EMD20220823B
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TENDER CLOSING DATE & TIME	
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DELIVERY FROM RECEIPT OF ORDER:	WEEKS
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TOTAL TENDER VALUE THIS JOB NO:	
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PRICE LIST:

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
TERMINAL BOX AND TERMINALS			
LEADS LINE SIDE	YES	Replace with rewind	
LEADS STAR POINT SIDE	YES	Replace with rewind	

TERMINAL CONNECTIONS LINE SIDE	YES	Replace with rewind	
TERMINAL CONNECTIONS STAR POINT SIDE	YES	Replace with rewind	
TERMINAL BOX LID LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LID STAR SIDE	YES	Replace gaskets	
TERMINAL BOX STAR POINT SIDE	YES	Replace gaskets	
AUXILIARY BOX	YES	Replace Desicator	
HEAT EXCHANGER			
TUBING	NO		
HOUSING	NO		
GASKETS AND SEALS	NO		
FASTING BRACKETS	NO		
STATOR HOUSING			
FOOT MOUNTING	YES	Skim feet	
END SHIELD MOUNTING SPIGOTS DE	YES	Full concentricity checks to be done	
END SHIELD MOUNTING SPIGOTS NDE	YES	Full concentricity checks to be done	
WINDING ANT-CONDENSATION HEATERS	NO		

STATOR CORE & WINDING			
CORE	YES	Manufacture new core	
WINDING	YES	Rewind, VPI winding and bake	
WEDGES	YES	Replace with new winding	
STATOR ID	NO		
ROTOR OD	NO		
OVERHAUL STATOR	YES	Mandatory	

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
ROTOR			
SHAFT EXTENTION	YES	Microweld coupling landing and machine to maximum size	
SHAFT RUN OUT	YES	Max run out 0.03mm	
D/E BEARINGS JOURNAL	YES	Microweld and Machine to size 100.03	
D/E SEAL LANDINGS	YES	Microweld and machine to maximum size	
N.D/E BEARING JOURNAL	YES	Microweld and Machine to size 95.03	
N.D/E SEAL LANDINGS	YES	Microweld and machine to maximum size	
D/E COOLING FAN	NO		
N. D/E COOLING FAN	NO		
EXTERNAL COOLING FAN	NO		
BALANCE ROTOR	YES	Balance at full speed	
FAN COWL	YES	Overhaul and repair	
ROTOR CORE & WINDINGS – SQUIRREL CAGE MOTOR			
ROTOR CORE	YES	Replace with new core	
ROTOR BARS	YES	Replace rotor bars	
SHORT CIRCUIT RINGS	YES	Fit new	
WELDING/BRAZING	YES	Fit with new short circuit rings	
OVERHAUL ROTOR	YES	Mandatory	

DESCRIPTION	Repairs Y/N	WORK TO BE DONE	PRICE
DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING BORE	NO		
BEARING CAP	YES	Replace DE bearing inner and outer caps	
SUPPORT BRACKETS	NO		

DRIVE END BEARING HOUSING			
W/M SITE GLASS & PORTS	NO		
BEARING HOUSING O/D	NO		
BEARING HOUSING I/D	NO		
BEARING HOUSING FRONT/REAR COVER	NO		
W/M SLEEVE BEARING BORE	NO		
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
BEARING INSULATION	YES	Re-insulated and test	
BEARING HOUSING FIXING BOLTS	NO		
SEALS	YES	Replace V seals	
BEARINGS REPLACE	YES	NU222 C3 & 6222 C3	
BEARING CAP	NO		

DESCRIPTION	Repair Y/N	WORK TO BE DONE	PRICE
NON DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING SEAT	NO		
BEARING CAP	YES	Replace NDE Bearing inner and outer caps	
SUPPORT BRACKETS	NO		
NON DRIVE END BEARING HOUSING			
W/M SITE GLASS & PORTS	NO		
BEARING HOUSING O/D	NO		

BEARING HOUSING I/D	NO		
BEARING HOUSING INNER & OUTER CAP	NO		
W/M SLEEVE BEARING BORE	NO		
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
BEARING INSULATION	YES	Re-insulate and test	
BEARING HOUSING FIXING BOLTS	NO		
SEALS	NO		
BEARINGS REPLACE	YES	NU 219 C3	
ADDITIONAL WORK INFORMATION			PRICE
<ul style="list-style-type: none"> Fit new grease pipes 			

GENERAL ADDITIONALS	PRICE
ASSEMBLE, PAINT AND TEST RUN	
TRANSPORT TO ARNOT SITE	

LABOUR RATES	RATE
ARTISAN	
ASSISTANT	

GENERAL REQUIREMENTS	
HOLD POINTS:	
WITNESS OF TEST RUN REQUIRED	YES
MOTOR FAN COWLS SHALL BE PAINTED ORANGE	
MOTOR TERMINAL BOXES SHALL BE PAINTED RED	
MOTOR HOUSING SHALL BE PAINTED BATTLESHIP GREY	
FULL TEST, QC REPORTS AND WARRANTY TO BE SUBMITTED WITH DELIVERY	
DELIVERY NOTE AND INVOICE TO ACCOMPANY DELIVERY	
<i>WHEN LOADING MOTORS, BINS MUST BE PROVIDED TO CONTAIN SMALL SPARES</i>	
<i>THIS CANNOT BE MARKED. THIS BIN MUST BE CLEARLY IDENTIFIABLE.</i>	

Arnot Power Station Motor Repairs

FROM: (Company name)_____

TO: ARNOT POWER STATION

E-Mail to OLT :

OLT Number :

Ref. nr :

REPAIRS TO BE DONE ON THE FOLLOWING MOTOR AS DESCRIBED IN THE PRICE LIST AND
TENDERED FOR IN THE PRICE LIST

MACHINE DETAILS			
Make	GEC	Stator Volts	3300 V
Serial No.	2LM2327-01	Stator current	144
Kilo Watt	850 HP (634kW)	Frame Size/Type	MB450
Location	U3 B CEP Motor	Speed	988

ASSESSMENT JOB NO:	HV22-8130	ENQUIRY NO:	EMD20220823A
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TENDER CLOSING DATE & TIME	
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DELIVERY FROM RECEIPT OF ORDER:	WEEKS
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TOTAL TENDER VALUE THIS JOB NO:	
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PRICE LIST:

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
TERMINAL BOX AND TERMINALS			
LEADS LINE SIDE			

LEADS STAR POINT SIDE	NO		
TERMINAL CONNECTIONS LINE SIDE	NO		
TERMINAL CONNECTIONS STAR POINT SIDE	NO		
TERMINAL BOX LID LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LINE SIDE	YES	Replace gaskets and overhaul explosion vents	
TERMINAL BOX LID STAR SIDE	NO		
TERMINAL BOX STAR POINT SIDE	NO		
AUXILIARY BOX	NO		
HEAT EXCHANGER			
TUBING	NO		
HOUSING	NO		
GASKETS AND SEALS	YES	Replace gaskets	
FASTING BRACKETS	NO		
STATOR HOUSING			
FOOT MOUNTING	YES	Polish	
END SHIELD MOUNTING SPIGOTS DE	YES	Full concentricity checks to be done	
END SHIELD MOUNTING SPIGOTS NDE	YES	Full concentricity checks to be done	
WINDING ANT-CONDENSATION HEATERS	NO		

STATOR CORE & WINDING			
CORE	NO		
WINDING	NO		
WEDGES	NO		
STATOR ID	NO		
ROTOR OD	NO		
OVERHAUL STATOR	YES	Mandatory	

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
ROTOR			
SHAFT EXTENTION	NO		
SHAFT RUN OUT	YES	Max run out 0.03mm	
D/E BEARINGS JOURNAL	YES	Microweld and machine to size (126,85)	
D/E SEAL LANDINGS	YES	Microweld and machine to maximum size	
N.D/E BEARING JOURNAL	YES	Microweld and machine to size (126,85)	
N.D/E SEAL LANDINGS	YES	Microweld and machine to maximum size	
D/E COOLING FAN	NO		
N. D/E COOLING FAN	NO		
EXTERNAL COOLING FAN	NO		
BALANCE ROTOR	YES	Balance at full speed	
FAN COWL	NO		
ROTOR CORE & WINDINGS – SQUIRREL CAGE MOTOR			
ROTOR CORE	NO		
ROTOR BARS	NO		
SHORT CIRCUIT RINGS	NO		
WELDING/BRAZING	NO		
OVERHAUL ROTOR	YES	Mandatory	

DESCRIPTION	Repairs Y/N	WORK TO BE DONE	PRICE
DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING BORE	NO		
BEARING CAP	NO		
SUPPORT BRACKETS	NO		

DRIVE END BEARING HOUSING			
W/M SITE GLASS & PORTS	NO		
BEARING HOUSING O/D	YES	Overhaul housing	
BEARING HOUSING I/D	NO		
BEARING HOUSING FRONT/REAR COVER	NO		
W/M SLEEVE BEARING BORE	YES	Re-metal bearing	
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
BEARING INSULATION	NO		
BEARING HOUSING FIXING BOLTS	NO		
SEALS	YES	Manufacture new Sleeve for outer seal	
BEARINGS REPLACE	NO		
BEARING CAP	NO		

DESCRIPTION	Repair Y/N	WORK TO BE DONE	PRICE
NON DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING SEAT	NO		
SUPPORT BRACKETS	NO		
NON DRIVE END BEARING HOUSING			
W/M SITE GLASS & PORTS	NO		

BEARING HOUSING O/D	YES	Overhaul	
BEARING HOUSING I/D	NO		
BEARING HOUSING INNER & OUTER CAP	NO		
W/M SLEEVE BEARING BORE	YES	Re-metal bearing	
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
W/M BEARING INSULATION	NO		
BEARING HOUSING FIXING BOLTS	NO		
SEALS	NO		
BEARINGS REPLACE	NO		
ADDITIONAL WORK INFORMATION			PRICE
• NONE			

GENERAL ADDITIONALS	PRICE
ASSEMBLE, PAINT AND TEST RUN	
TRANSPORT TO ARNOT SITE	

LABOUR RATES	RATE
ARTISAN	
ASSISTANT	

GENERAL REQUIREMENTS	
HOLD POINTS:	
WITNESS OF TEST RUN REQUIRED	YES
MOTOR FAN COWLS SHALL BE PAINTED ORANGE	
MOTOR TERMINAL BOXES SHALL BE PAINTED RED	
MOTOR HOUSING SHALL BE PAINTED BATTLESHIP GREY	
FULL TEST, QC REPORTS AND WARRANTY TO BE SUBMITTED WITH DELIVERY	
DELIVERY NOTE AND INVOICE TO ACCOMPANY DELIVERY	
<i>WHEN LOADING MOTORS, BINS MUST BE PROVIDED TO CONTAIN SMALL SPARES</i>	
<i>THIS CANNOT BE MARKED. THIS BIN MUST BE CLEARLY IDENTIFIABLE.</i>	

Arnot Power Station Motor Repairs

FROM: (Company name)_____

TO: ARNOT POWER STATION

E-Mail to OLT :

OLT Number :

Ref. nr :

REPAIRS TO BE DONE ON THE FOLLOWING MOTOR AS DESCRIBED IN THE PRICE LIST AND
TENDERED FOR IN THE PRICE LIST

MACHINE DETAILS			
<i>Make</i>	ACTOM	<i>Voltage</i>	3300 V
<i>Serial No.</i>	A002405	<i>Stator current</i>	74.1
<i>Kilo Watt</i>	350 kW	<i>Frame Size/Type</i>	MS4 254-4
<i>Location</i>	AWR Pump 4 Motor	<i>Speed</i>	1484

ASSESSMENT JOB NO:	HV22-8166	ENQUIRY NO:	EMD20220823E
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TENDER CLOSING DATE & TIME	
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DELIVERY FROM RECEIPT OF ORDER:	WEEKS
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TOTAL TENDER VALUE THIS JOB NO:	
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PRICE LIST:

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
TERMINAL BOX AND TERMINALS			
LEADS LINE SIDE			

LEADS STAR POINT SIDE	NO		
TERMINAL CONNECTIONS LINE SIDE	NO		
TERMINAL CONNECTIONS STAR POINT SIDE	NO		
TERMINAL BOX LID LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LID STAR SIDE	YES	Replace gaskets	
TERMINAL BOX STAR POINT SIDE	YES	Replace gaskets	
AUXILIARY BOX	NO		
HEAT EXCHANGER			
TUBING	NO		
HOUSING	NO		
GASKETS AND SEALS	YES	Replace gaskets	
FASTING BRACKETS	NO		
STATOR HOUSING			
FOOT MOUNTING	YES	Skim feet	
END SHIELD MOUNTING SPIGOTS DE	YES	Full concentricity checks to be done	
END SHIELD MOUNTING SPIGOTS NDE	YES	Full concentricity checks to be done	
WINDING ANT-CONDENSATION HEATERS	NO		

STATOR CORE & WINDING			
CORE	NO		
WINDING	NO		
WEDGES	NO		
STATOR ID	NO		
ROTOR OD	NO		
OVERHAUL STATOR	YES	Mandatory	

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
ROTOR			
SHAFT EXTENTION	NO		
SHAFT RUN OUT	YES	Max run out 0.03mm	
D/E BEARINGS JOURNAL	NO		
D/E SEAL LANDINGS	NO		
N.D/E BEARING JOURNAL	NO		
N.D/E SEAL LANDINGS	NO		
D/E COOLING FAN	NO		
N. D/E COOLING FAN	NO		
EXTERNAL COOLING FAN	NO		
BALANCE ROTOR	YES	Balance at full speed	
FAN COWL	NO		
ROTOR CORE & WINDINGS – SQUIRREL CAGE MOTOR			
ROTOR CORE	NO		
ROTOR BARS	NO		
SHORT CIRCUIT RINGS	NO		
WELDING/BRAZING	NO		
OVERHAUL ROTOR	YES	Mandatory	

DESCRIPTION	Repairs Y/N	WORK TO BE DONE	PRICE
DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING BORE	NO		
BEARING CAP	NO		
SUPPORT BRACKETS	NO		

DRIVE END BEARING HOUSING			
W/M SITE GLASS & PORTS	NO		
BEARING HOUSING O/D	NO		
BEARING HOUSING I/D	NO		
BEARING HOUSING FRONT/REAR COVER	NO		
W/M SLEEVE BEARING BORE	NO		
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
BEARING INSULATION	YES	Re-insulated and test	
BEARING HOUSING FIXING BOLTS	NO		
SEALS	YES	Replace V seals	
BEARINGS REPLACE	YES	NU 322 C3	
BEARING CAP	NO		

DESCRIPTION	Repair Y/N	WORK TO BE DONE	PRICE
NON DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING SEAT	NO		
SUPPORT BRACKETS	NO		
NON DRIVE END BEARING HOUSING			
W/M SITE GLASS & PORTS	NO		
BEARING HOUSING O/D	NO		
BEARING HOUSING I/D	NO		
BEARING HOUSING INNER & OUTER CAP	NO		

W/M SLEEVE BEARING BORE	NO		
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	YES	Overhaul	
BEARING INSULATION	YES	Re-insulate and test	
BEARING HOUSING FIXING BOLTS	NO		
SEALS	YES	Replace V seal	
BEARINGS REPLACE	YES	6219 C3	
ADDITIONAL WORK INFORMATION			PRICE
<ul style="list-style-type: none"> Fit new grease pipes 			

GENERAL ADDITIONALS	PRICE
ASSEMBLE, PAINT AND TEST RUN	
TRANSPORT TO ARNOT SITE	

LABOUR RATES	RATE
ARTISAN	
ASSISTANT	

GENERAL REQUIREMENTS	
HOLD POINTS:	
WITNESS OF TEST RUN REQUIRED	YES

MOTOR FAN COWLS SHALL BE PAINTED ORANGE
MOTOR TERMINAL BOXES SHALL BE PAINTED RED
MOTOR HOUSING SHALL BE PAINTED BATTLESHIP GREY
FULL TEST, QC REPORTS AND WARRANTY TO BE SUBMITTED WITH DELIVERY
DELIVERY NOTE AND INVOICE TO ACCOMPANY DELIVERY
<i>WHEN LOADING MOTORS, BINS MUST BE PROVIDED TO CONTAIN SMALL SPARES</i>
<i>THIS CANNOT BE MARKED. THIS BIN MUST BE CLEARLY IDENTIFIABLE.</i>

Arnot Power Station Motor Repairs

FROM: (Company name) _____

TO: ARNOT POWER STATION

E-Mail to OLT :

OLT Number :

Ref. nr :

REPAIRS TO BE DONE ON THE FOLLOWING MOTOR AS DESCRIBED IN THE PRICE LIST AND
TENDERED FOR IN THE PRICE LIST

MACHINE DETAILS			
Make	ACTOM	Voltage	3300 V
Serial No.	A002100-03	Stator current	109
Kilo Watt	520kW	Frame Size/Type	1LA1404-4
Location	U5B PA Fan Motor	Speed	1485

ASSESSMENT JOB NO:	HV22-8165	ENQUIRY NO:	EMD20220823D
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TENDER CLOSING DATE & TIME	
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DELIVERY FROM RECEIPT OF ORDER:	WEEKS
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TOTAL TENDER VALUE THIS JOB NO:	
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PRICE LIST:

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
TERMINAL BOX AND TERMINALS			
LEADS LINE SIDE	YES	Replace with rewind	
LEADS STAR POINT SIDE	YES	Replace with rewind	
TERMINAL CONNECTIONS LINE SIDE	YES	Replace with rewind	
TERMINAL CONNECTIONS STAR POINT SIDE	YES	Replace with rewind	

TERMINAL BOX LID LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LID STAR SIDE	YES	Replace gaskets	
TERMINAL BOX STAR POINT SIDE	YES	Replace gaskets	
AUXILIARY BOX			
HEAT EXCHANGER			
TUBING	NO		
HOUSING	NO		
GASKETS AND SEALS	NO		
FASTING BRACKETS	NO		
STATOR HOUSING			
FOOT MOUNTING	YES	Polish	
END SHIELD MOUNTING SPIGOTS DE	YES	Full concentricity checks to be done	
END SHIELD MOUNTING SPIGOTS NDE	YES	Full concentricity checks to be done	
WINDING ANT- CONDENSATION HEATERS	NO		

STATOR CORE & WINDING			
CORE	NO		
WINDING	YES	Rewind, VPI winding and bake	
WEDGES	YES	Replace with new winding	
STATOR ID	NO		
ROTOR OD	NO		
OVERHAUL STATOR	YES	Mandatory	

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
ROTOR			
SHAFT EXTENTION	YES	Microweld coupling landing and machine to maximum size	
SHAFT RUN OUT	YES	Max run out 0.03mm	
D/E BEARINGS JOURNAL	NO		

D/E SEAL LANDINGS	NO		
N.D/E BEARING JOURNAL	NO		
N.D/E SEAL LANDINGS	NO		
D/E COOLING FAN	NO		
N. D/E COOLING FAN	NO		
EXTERNAL COOLING FAN	YES	Replace with new fan	
BALANCE ROTOR	YES	Balance at full speed	
FAN COWL	YES	Overhaul and repair	
ROTOR CORE & WINDINGS – SQUIRREL CAGE MOTOR			
ROTOR CORE	YES	Replace with new core	
ROTOR BARS	YES	Replace rotor bars with new design. Rotor bar size: 10x40 Rotor Core slot size: 10.7 x 40.6 Radial air gap: 2mm Number of Rotor Windings: 38 Rotor bar material: Copper	
SHORT CIRCUIT RINGS	YES	Fit new	
WELDING/BRAZING	YES	Fit with new short circuit rings	
OVERHAUL ROTOR	YES	Mandatory	

DESCRIPTION	Repairs Y/N	WORK TO BE DONE	PRICE
DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING BORE	NO		
BEARING CAP	YES	Manufacture new outer bearing cap	
SUPPORT BRACKETS	NO		
DRIVE END BEARING HOUSING			
W/M SITE GLASS & PORTS	NO		
BEARING HOUSING O/D	NO		

BEARING HOUSING I/D	NO		
BEARING HOUSING FRONT/REAR COVER	NO		
W/M SLEEVE BEARING BORE	NO		
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
BEARING INSULATION	YES	Re-insulated and test	
BEARING HOUSING FIXING BOLTS	NO		
SEALS	NO		
BEARINGS REPLACE	YES	NU222 C3 & 6222 C3	
BEARING CAP	NO		

DESCRIPTION	Repair Y/N	WORK TO BE DONE	PRICE
NON DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING SEAT	NO		
SUPPORT BRACKETS	NO		
NON DRIVE END BEARING HOUSING			
W/M SITE GLASS & PORTS	NO		
BEARING HOUSING O/D	NO		
BEARING HOUSING I/D	NO		
BEARING HOUSING INNER & OUTER CAP	NO		
W/M SLEEVE BEARING BORE	NO		

W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
BEARING INSULATION	YES	Re-insulate and test	
BEARING HOUSING FIXING BOLTS	NO		
SEALS	NO		
BEARINGS REPLACE	YES	NU 222 C3	
ADDITIONAL WORK INFORMATION			PRICE
<ul style="list-style-type: none"> Fit new grease pipes 			
<ul style="list-style-type: none"> Replace with new PT100 (DE & NDE) 			

GENERAL ADDITIONALS	PRICE
ASSEMBLE, PAINT AND TEST RUN	
TRANSPORT TO ARNOT SITE	

LABOUR RATES	RATE
ARTISAN	
ASSISTANT	

GENERAL REQUIREMENTS
HOLD POINTS:
WITNESS OF TEST RUN REQUIRED YES
MOTOR FAN COWLS SHALL BE PAINTED ORANGE

MOTOR TERMINAL BOXES SHALL BE PAINTED RED
MOTOR HOUSING SHALL BE PAINTED BATTLESHIP GREY
FULL TEST, QC REPORTS AND WARRANTY TO BE SUBMITTED WITH DELIVERY
DELIVERY NOTE AND INVOICE TO ACCOMPANY DELIVERY
<i>WHEN LOADING MOTORS, BINS MUST BE PROVIDED TO CONTAIN SMALL SPARES</i>
<i>THIS CANNOT BE MARKED. THIS BIN MUST BE CLEARLY IDENTIFIABLE.</i>

Arnot Power Station Motor Repairs

FROM: (Company name)_____

TO: ARNOT POWER STATION

E-Mail to OLT :
OLT Number :

Ref. nr :

REPAIRS TO BE DONE ON THE FOLLOWING MOTOR AS DESCRIBED IN THE PRICE LIST AND
TENDERED FOR IN THE PRICE LIST

MACHINE DETAILS			
<i>Make</i>	<i>Alstom</i>	<i>Voltage</i>	<i>3300 V</i>
<i>Serial No.</i>	<i>2LM2224-03</i>	<i>Stator current</i>	<i>61</i>
<i>Kilo Watt</i>	<i>280 kW</i>	<i>Frame Size/Type</i>	<i>GKD355/400</i>
<i>Location</i>	<i>AWR Pump 1 Motor</i>	<i>Speed</i>	<i>1489</i>

ASSESSMENT JOB NO:	HV22-8170	ENQUIRY NO:	EMD20220823G
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TENDER CLOSING DATE & TIME	
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DELIVERY FROM RECEIPT OF ORDER:	WEEKS
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TOTAL TENDER VALUE THIS JOB NO:	
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PRICE LIST:

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
TERMINAL BOX AND TERMINALS			
LEADS LINE SIDE	NO		
LEADS STAR POINT SIDE	NO		
TERMINAL	NO		

CONNECTIONS LINE SIDE			
TERMINAL CONNECTIONS STAR POINT SIDE	NO		
TERMINAL BOX LID LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LID STAR SIDE	NO		
TERMINAL BOX STAR POINT SIDE	NO		
AUXILIARY BOX	NO		
HEAT EXCHANGER			
TUBING	NO		
HOUSING	YES	Overhaul	
GASKETS AND SEALS	YES	Replace gaskets	
FASTING BRACKETS	NO		
STATOR HOUSING			
FOOT MOUNTING	YES	Polish	
END SHIELD MOUNTING SPIGOTS DE	YES	Full concentricity checks to be done	
END SHIELD MOUNTING SPIGOTS NDE	YES	Full concentricity checks to be done	
WINDING ANT-CONDENSATION HEATERS	NO		

STATOR CORE & WINDING			
CORE	NO		
WINDING	NO		
WEDGES	NO		
STATOR ID	NO		
ROTOR OD	NO		
OVERHAUL STATOR	YES	Mandatory	

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
ROTOR			
SHAFT EXTENTION			
SHAFT RUN OUT	YES	Max run out 0.03mm	

D/E BEARINGS JOURNAL	NO		
D/E SEAL LANDINGS	NO		
N.D/E BEARING JOURNAL	NO		
N.D/E SEAL LANDINGS	NO		
D/E COOLING FAN	NO		
N. D/E COOLING FAN	NO		
EXTERNAL COOLING FAN	NO		
BALANCE ROTOR	YES	Balance at full speed	
FAN COWL	YES	Overhaul and repair	
ROTOR CORE & WINDINGS – SQUIRREL CAGE MOTOR			
ROTOR CORE	NO		
ROTOR BARS	NO		
SHORT CIRCUIT RINGS	NO		
WELDING/BRAZING	NO		
OVERHAUL ROTOR	YES	Mandatory	

DESCRIPTION	Repairs Y/N	WORK TO BE DONE	PRICE
DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING BORE	NO		
BEARING CAP	NO		
SUPPORT BRACKETS	NO		
DRIVE END BEARING HOUSING			
W/M SITE GLASS & PORTS	NO		
BEARING HOUSING O/D	YES	Re-sleeve to minimum size	

BEARING HOUSING I/D	NO		
BEARING HOUSING FRONT/REAR COVER	NO		
W/M SLEEVE BEARING BORE	NO		
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
BEARING INSULATION	NO		
BEARING HOUSING FIXING BOLTS	NO		
SEALS	YES	Replace V seals	
BEARINGS REPLACE	YES	LRJ 4 1/2	
BEARING CAP	NO		

DESCRIPTION	Repair Y/N	WORK TO BE DONE	PRICE
NON DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING SEAT	NO		
BEARING CAP	YES	Manufacture new bearing outer cap	
SUPPORT BRACKETS	NO		
NON DRIVE END BEARING HOUSING			
W/M SITE GLASS & PORTS	NO		
BEARING HOUSING O/D	YES	Re-sleeve to minimum size	
BEARING HOUSING I/D	NO		

BEARING HOUSING INNER & OUTER CAP	NO		
W/M SLEEVE BEARING BORE	NO		
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
BEARING INSULATION	NO		
BEARING HOUSING FIXING BOLTS	NO		
SEALS	YES	Replace V seal	
BEARINGS REPLACE	YES	LJ 4 1/2	
ADDITIONAL WORK INFORMATION			PRICE
<ul style="list-style-type: none"> Fit new grease pipes 			

GENERAL ADDITIONALS	PRICE
ASSEMBLE, PAINT AND TEST RUN	
TRANSPORT TO ARNOT SITE	

LABOUR RATES	RATE
ARTISAN	
ASSISTANT	

GENERAL REQUIREMENTS
HOLD POINTS:
WITNESS OF TEST RUN REQUIRED YES

MOTOR FAN COWLS SHALL BE PAINTED ORANGE
MOTOR TERMINAL BOXES SHALL BE PAINTED RED
MOTOR HOUSING SHALL BE PAINTED BATTLESHIP GREY
FULL TEST, QC REPORTS AND WARRANTY TO BE SUBMITTED WITH DELIVERY
DELIVERY NOTE AND INVOICE TO ACCOMPANY DELIVERY
<i>WHEN LOADING MOTORS, BINS MUST BE PROVIDED TO CONTAIN SMALL SPARES</i>
<i>THIS CANNOT BE MARKED. THIS BIN MUST BE CLEARLY IDENTIFIABLE.</i>

Arnot Power Station Motor Repairs

FROM: (Company name)_____

TO: ARNOT POWER STATION

E-Mail to OLT :
OLT Number :

Ref. nr :

REPAIRS TO BE DONE ON THE FOLLOWING MOTOR AS DESCRIBED IN THE PRICE LIST AND
TENDERED FOR IN THE PRICE LIST

MACHINE DETAILS			
<i>Make</i>	ACTOM	<i>Voltage</i>	3300 V
<i>Serial No.</i>	A002061-03	<i>Stator current</i>	88
<i>Kilo Watt</i>	400 kW	<i>Frame Size/Type</i>	1LA1452-6
<i>Location</i>	U2C Mill Motor	<i>Speed</i>	986

ASSESSMENT JOB NO:	HV22-8171	ENQUIRY NO:	EMD20220823H
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TENDER CLOSING DATE & TIME	
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DELIVERY FROM RECEIPT OF ORDER:	WEEKS
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TOTAL TENDER VALUE THIS JOB NO:	
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PRICE LIST:

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
TERMINAL BOX AND TERMINALS			
LEADS LINE SIDE	NO		

LEADS STAR POINT SIDE	NO		
TERMINAL CONNECTIONS LINE SIDE	NO		
TERMINAL CONNECTIONS STAR POINT SIDE	NO		
TERMINAL BOX LID LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LID STAR SIDE	YES	Replace gaskets	
TERMINAL BOX STAR POINT SIDE	YES	Replace gaskets	
AUXILIARY BOX	NO		
HEAT EXCHANGER			
TUBING	NO		
HOUSING	NO		
GASKETS AND SEALS	NO		
FASTING BRACKETS	NO		
STATOR HOUSING			
FOOT MOUNTING	YES	Skim feet	
END SHIELD MOUNTING SPIGOTS DE	YES	Full concentricity checks to be done	
END SHIELD MOUNTING SPIGOTS NDE	YES	Full concentricity checks to be done	
WINDING ANT-CONDENSATION HEATERS	NO		

STATOR CORE & WINDING			
CORE	NO		
WINDING	NO		
WEDGES	NO		
STATOR ID	NO		
ROTOR OD	NO		
OVERHAUL STATOR	YES	Mandatory	

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
ROTOR			
SHAFT EXTENTION	NO		

SHAFT RUN OUT	YES	Max run out 0.03mm	
D/E BEARINGS JOURNAL	NO		
D/E SEAL LANDINGS	NO		
N.D/E BEARING JOURNAL	NO		
N.D/E SEAL LANDINGS	NO		
D/E COOLING FAN	NO		
N. D/E COOLING FAN	NO		
EXTERNAL COOLING FAN	YES	Replace external fan	
BALANCE ROTOR	YES	Balance at full speed	
FAN COWL	YES	Overhaul and repair	
ROTOR CORE & WINDINGS – SQUIRREL CAGE MOTOR			
ROTOR CORE	NO		
ROTOR BARS	NO		
SHORT CIRCUIT RINGS	NO		
WELDING/BRAZING	NO		
OVERHAUL ROTOR	YES	Mandatory	

DESCRIPTION	Repairs Y/N	WORK TO BE DONE	PRICE
DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING BORE	NO		
BEARING CAP	YES	Light machine bearing cap	
SUPPORT BRACKETS	NO		
DRIVE END BEARING HOUSING			
W/M SITE GLASS & PORTS	NO		
BEARING HOUSING O/D	NO		

BEARING HOUSING I/D	NO		
BEARING HOUSING FRONT/REAR COVER	NO		
W/M SLEEVE BEARING BORE	NO		
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	YES	Polish	
BEARING INSULATION	YES	Re-insulated and test	
BEARING HOUSING FIXING BOLTS	NO		
SEALS	YES	Replace V seals	
BEARINGS REPLACE	YES	NU226 C3 & 6226 C3	
BEARING CAP	NO		

DESCRIPTION	Repair Y/N	WORK TO BE DONE	PRICE
NON DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING SEAT	NO		
SUPPORT BRACKETS	NO		
NON DRIVE END BEARING HOUSING			
W/M SITE GLASS & PORTS	NO		
BEARING HOUSING O/D	NO		
BEARING HOUSING I/D	NO		
BEARING HOUSING INNER & OUTER CAP	NO		
W/M SLEEVE BEARING BORE	NO		

W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
BEARING INSULATION	YES	Re-insulate and test	
BEARING HOUSING FIXING BOLTS	NO		
SEALS	YES	Replace V seals	
BEARINGS REPLACE	YES	NU 6321 EC3 and 75mm circlip	
ADDITIONAL WORK INFORMATION			PRICE
<ul style="list-style-type: none"> Fit new grease pipes 			

GENERAL ADDITIONALS	PRICE
ASSEMBLE, PAINT AND TEST RUN	
TRANSPORT TO ARNOT SITE	

LABOUR RATES	RATE
ARTISAN	
ASSISTANT	

GENERAL REQUIREMENTS	
HOLD POINTS:	
WITNESS OF TEST RUN REQUIRED	YES

MOTOR FAN COWLS SHALL BE PAINTED ORANGE
MOTOR TERMINAL BOXES SHALL BE PAINTED RED
MOTOR HOUSING SHALL BE PAINTED BATTLESHIP GREY
FULL TEST, QC REPORTS AND WARRANTY TO BE SUBMITTED WITH DELIVERY
DELIVERY NOTE AND INVOICE TO ACCOMPANY DELIVERY
<i>WHEN LOADING MOTORS, BINS MUST BE PROVIDED TO CONTAIN SMALL SPARES</i>
<i>THIS CANNOT BE MARKED. THIS BIN MUST BE CLEARLY IDENTIFIABLE.</i>

Arnot Power Station Motor Repairs

FROM: (Company name)_____

TO: ARNOT POWER STATION

E-Mail to OLT :
OLT Number :

Ref. nr :

REPAIRS TO BE DONE ON THE FOLLOWING MOTOR AS DESCRIBED IN THE PRICE LIST AND
TENDERED FOR IN THE PRICE LIST

MACHINE DETAILS			
Make	ACTOM	Stator Volts	11 000 V
Serial No.	C005137-03	Stator current	355
Kilo Watt	5800 kW	Frame Size/Type	UC710/225
Location	U4A EFP Motor	Speed	1493

ASSESSMENT JOB NO:	HV21-8175	ENQUIRY NO:	EMD20220823I
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TENDER CLOSING DATE & TIME	
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DELIVERY FROM RECEIPT OF ORDER:	WEEKS
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TOTAL TENDER VALUE THIS JOB NO:	
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PRICE LIST:

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
TERMINAL BOX AND TERMINALS			
LEADS LINE SIDE	YES	Replace with rewind	
LEADS STAR POINT SIDE	YES	Replace with rewind	
TERMINAL CONNECTIONS LINE SIDE	YES	Replace with rewind	
TERMINAL CONNECTIONS STAR POINT SIDE	YES	Replace with rewind	
TERMINAL BOX LID	YES	Replace gaskets	

LINE SIDE			
TERMINAL BOX LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LID STAR SIDE	YES	Replace gaskets	
TERMINAL BOX STAR POINT SIDE	YES	Replace gaskets	
AUXILIARY BOX	YES	Replace 2x desicator	
HEAT EXCHANGER			
TUBING	YES	Clean tubes	
HOUSING	NO		
GASKETS AND SEALS	YES	Replace gaskets	
FASTING BRACKETS	NO		
STATOR HOUSING			
FOOT MOUNTING	YES	Polish	
END SHIELD MOUNTING SPIGOTS DE	YES	Full concentricity checks to be done	
END SHIELD MOUNTING SPIGOTS NDE	YES	Full concentricity checks to be done	
WINDING ANT-CONDENSATION HEATERS	NO		

STATOR CORE & WINDING			
CORE	NO		
WINDING	YES	Rewind and VPI, replace with 6 off PT100 probes	
WEDGES	YES	Replace with rewind	
STATOR ID	NO		
ROTOR OD	NO		
OVERHAUL STATOR	YES	Mandatory	

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
ROTOR			
SHAFT EXTENTION	YES	Coupling - Microweld and machine to maximum size	
SHAFT RUN OUT	YES	Max run out 0.03mm	
D/E BEARINGS JOURNAL	YES	Microweld and Machine to size 199.75	
D/E SEAL LANDINGS	YES	Microweld and Machine to maximum size (Inner & outer)	
N.D/E BEARING JOURNAL	YES	Microweld and Machine to size 199.75	

N.D/E SEAL LANDINGS	YES	Microweld and Machine to maximum size (Inner & outer)	
D/E COOLING FAN	NO		
N. D/E COOLING FAN	NO		
EXTERNAL COOLING FAN	NO		
BALANCE ROTOR	YES	Balance at full speed	
FAN COWL	NO		
ROTOR CORE & WINDINGS – SQUIRREL CAGE MOTOR			
ROTOR CORE	NO		
ROTOR BARS	NO		
SHORT CIRCUIT RINGS	NO		
WELDING/BRAZING	NO		
OVERHAUL ROTOR	YES	Mandatory	

DESCRIPTION	Repairs Y/N	WORK TO BE DONE	PRICE
DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING BORE	NO		
BEARING CAP	NO		
SUPPORT BRACKETS	NO		
DRIVE END BEARING HOUSING			
W/M SITE GLASS & PORTS	NO		
BEARING HOUSING O/D	YES	Overhaul housing	
BEARING HOUSING I/D	NO		
BEARING HOUSING FRONT/REAR COVER	NO		
W/M SLEEVE BEARING BORE	YES	Re-metal bearing	

W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
BEARING INSULATION	YES	Replace insulation and test	
BEARING HOUSING FIXING BOLTS	NO		
SEALS	YES	Replace seals	
BEARINGS REPLACE	NO		
BEARING CAP	NO		

DESCRIPTION	Repair Y/N	WORK TO BE DONE	PRICE
NON DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING SEAT	NO		
SUPPORT BRACKETS	NO		
NON DRIVE END BEARING HOUSING			
W/M SITE GLASS & PORTS	NO		
BEARING HOUSING O/D	YES	Overhaul	
BEARING HOUSING I/D	NO		
BEARING HOUSING INNER & OUTER CAP	NO		
W/M SLEEVE BEARING BORE	YES	Re-metal bearing	
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
W/M BEARING INSULATION	YES	Replace insulation and test	

NO

BEARING HOUSING FIXING BOLTS	NO		
SEALS	YES	Replace seals	
BEARINGS REPLACE	NO		
ADDITIONAL WORK INFORMATION			PRICE
<ul style="list-style-type: none"> Replace PT 100 probes – DE & NDE 			
<ul style="list-style-type: none"> Replace 225mm Segmented Earth ring on shaft 			

GENERAL ADDITIONALS	PRICE
ASSEMBLE, PAINT AND TEST RUN	
TRANSPORT TO ARNOT SITE	

LABOUR RATES	RATE
ARTISAN	
ASSISTANT	

GENERAL REQUIREMENTS	
HOLD POINTS:	
WITNESS OF TEST RUN REQUIRED	YES
MOTOR FAN COWLS SHALL BE PAINTED ORANGE	
MOTOR TERMINAL BOXES SHALL BE PAINTED RED	
MOTOR HOUSING SHALL BE PAINTED BATTLESHIP GREY	
FULL TEST, QC REPORTS AND WARRANTY TO BE SUBMITTED WITH DELIVERY	
DELIVERY NOTE AND INVOICE TO ACCOMPANY DELIVERY	
<i>WHEN LOADING MOTORS, BINS MUST BE PROVIDED TO CONTAIN SMALL SPARES</i>	

THIS CANNOT BE MARKED. THIS BIN MUST BE CLEARLY IDENTIFIABLE.

Arnot Power Station Motor Repairs

FROM: (Company name)_____

TO: ARNOT POWER STATION

E-Mail to OLT :

OLT Number :

Ref. nr :

REPAIRS TO BE DONE ON THE FOLLOWING MOTOR AS DESCRIBED IN THE PRICE LIST AND
TENDERED FOR IN THE PRICE LIST

MACHINE DETAILS			
<i>Make</i>	ACTOM	<i>Stator Volts</i>	11 000 V
<i>Serial No.</i>	C005137-02	<i>Stator current</i>	355
<i>Kilo Watt</i>	5800 kW	<i>Frame Size/Type</i>	UC710/225
<i>Location</i>	U6A EFP Motor	<i>Speed</i>	1493

ASSESSMENT JOB NO:	HV22-8154	ENQUIRY NO:	EMD20220823C
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TENDER CLOSING DATE & TIME	
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DELIVERY FROM RECEIPT OF ORDER:	WEEKS
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TOTAL TENDER VALUE THIS JOB NO:	
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PRICE LIST:

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
TERMINAL BOX AND TERMINALS			
LEADS LINE SIDE	NO		
LEADS STAR POINT SIDE	NO		
TERMINAL CONNECTIONS LINE SIDE	NO		
TERMINAL CONNECTIONS STAR POINT SIDE	NO		
TERMINAL BOX LID LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LID STAR SIDE	YES	Replace gaskets	
TERMINAL BOX STAR POINT SIDE	YES	Replace gaskets	
AUXILIARY BOX	YES	Replace desicator and fit new RTD's aux box	
HEAT EXCHANGER			
TUBING	NO		
HOUSING	NO		

GASKETS AND SEALS	YES	Replace gaskets	
FASTING BRACKETS	NO		
STATOR HOUSING			
FOOT MOUNTING	YES	Light Skim	
END SHIELD MOUNTING SPIGOTS DE	YES	Full concentricity checks to be done	
END SHIELD MOUNTING SPIGOTS NDE	YES	Full concentricity checks to be done	
WINDING ANT-CONDENSATION HEATERS	NO		

STATOR CORE & WINDING			
CORE	NO		
WINDING	YES	Rewind and VPI, replace 6 off PT100 probes inside stator	
WEDGES	YES	Replace with rewind	
STATOR ID	NO		
ROTOR OD	NO		
OVERHAUL STATOR	YES	Mandatory	

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
ROTOR			
SHAFT EXTENTION	NO		
SHAFT RUN OUT	YES	Max run out 0.03mm	
D/E BEARINGS JOURNAL	YES	Microweld and Machine to size 199.75	
D/E SEAL LANDINGS	YES	Microweld and Machine to maximum size (Inner & outer)	
N.D/E BEARING JOURNAL	YES	Microweld and Machine to size 199.75	
N.D/E SEAL LANDINGS	YES	Microweld and Machine to maximum size (Inner & outer)	
D/E COOLING FAN	NO		
N. D/E COOLING FAN	NO		
EXTERNAL COOLING FAN	NO		
BALANCE ROTOR	YES	Balance at full speed	
FAN COWL	NO		
ROTOR CORE & WINDINGS – SQUIRREL CAGE MOTOR			
ROTOR CORE	NO		

ROTOR BARS	NO		
SHORT CIRCUIT RINGS	NO		
WELDING/BRAZING	NO		
OVERHAUL ROTOR	YES	Mandatory	

DESCRIPTION	Repairs Y/N	WORK TO BE DONE	PRICE
DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING BORE	NO		
BEARING CAP	NO		
SUPPORT BRACKETS	NO		
DRIVE END BEARING HOUSING			
W/M SITE GLASS & PORTS	NO		
BEARING HOUSING O/D	YES	Overhaul housing	
BEARING HOUSING I/D	NO		
BEARING HOUSING FRONT/REAR COVER	NO		
W/M SLEEVE BEARING BORE	YES	Re-metal bearing	
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
BEARING INSULATION	NO		
BEARING HOUSING FIXING BOLTS	NO		
SEALS	YES	Replace seals	
BEARINGS REPLACE	NO		
BEARING CAP	NO		

DESCRIPTION	Repair Y/N	WORK TO BE DONE	PRICE
NON DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING SEAT	NO		
SUPPORT BRACKETS	NO		
NON DRIVE END BEARING HOUSING			
W/M SITE GLASS &PORTS	NO		
BEARING HOUSING O/D	YES	Overhaul	
BEARING HOUSING I/D	NO		
BEARING HOUSING INNER & OUTER CAP	NO		
W/M SLEEVE BEARING BORE	YES	Re-metal bearing	
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
W/M BEARING INSULATION	NO		
BEARING HOUSING FIXING BOLTS	NO		
SEALS	YES	Replace seals	
BEARINGS REPLACE	NO		
ADDITIONAL WORK INFORMATION			PRICE

<ul style="list-style-type: none"> Replace PT100 probes DE & NDE 	
<ul style="list-style-type: none"> Replace 225mm Segmented Earth ring on shaft 	

GENERAL ADDITIONALS	PRICE
ASSEMBLE, PAINT AND TEST RUN	
TRANSPORT TO ARNOT SITE	

LABOUR RATES	RATE
ARTISAN	
ASSISTANT	

GENERAL REQUIREMENTS
HOLD POINTS:
WITNESS OF TEST RUN REQUIRED YES
MOTOR FAN COWLS SHALL BE PAINTED ORANGE
MOTOR TERMINAL BOXES SHALL BE PAINTED RED
MOTOR HOUSING SHALL BE PAINTED BATTLESHIP GREY
FULL TEST, QC REPORTS AND WARRANTY TO BE SUBMITTED WITH DELIVERY
DELIVERY NOTE AND INVOICE TO ACCOMPANY DELIVERY
<i>WHEN LOADING MOTORS, BINS MUST BE PROVIDED TO CONTAIN SMALL SPARES</i>
<i>THIS CANNOT BE MARKED. THIS BIN MUST BE CLEARLY IDENTIFIABLE.</i>

Arnot Power Station Motor Repairs

FROM: (Company name)_____

TO: ARNOT POWER STATION

E-Mail to OLT :

OLT Number :

Ref. nr :

REPAIRS TO BE DONE ON THE FOLLOWING MOTOR AS DESCRIBED IN THE PRICE LIST AND
TENDERED FOR IN THE PRICE LIST

MACHINE DETAILS			
<i>Make</i>	ACTOM	<i>Stator Volts</i>	11 000 V

Serial No.	C004828-02	Stator current	355
Kilo Watt	5800 kW	Frame Size/Type	UC710/224
Location	U2A EFP Motor	Speed	1493

ASSESSMENT JOB NO:	HV21-8169	ENQUIRY NO:	EMD20220823F
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TENDER CLOSING DATE & TIME	
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DELIVERY FROM RECEIPT OF ORDER:	WEEKS
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TOTAL TENDER VALUE THIS JOB NO:	
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PRICE LIST:

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
TERMINAL BOX AND TERMINALS			
LEADS LINE SIDE	YES	Replace with rewind	
LEADS STAR POINT SIDE	YES	Replace with rewind	
TERMINAL CONNECTIONS LINE SIDE	YES	Replace with rewind	
TERMINAL CONNECTIONS STAR POINT SIDE	YES	Replace with rewind	
TERMINAL BOX LID LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LID STAR SIDE	YES	Replace gaskets	
TERMINAL BOX STAR POINT SIDE	YES	Replace gaskets	
AUXILIARY BOX	YES	Replace 2x desicator	
HEAT EXCHANGER			
TUBING	YES	Clean tubes	
HOUSING	NO		
GASKETS AND SEALS	YES	Replace gaskets	
FASTING BRACKETS	NO		
STATOR HOUSING			
FOOT MOUNTING	YES	Polish	

END SHIELD MOUNTING SPIGOTS DE	YES	Full concentricity checks to be done	
END SHIELD MOUNTING SPIGOTS NDE	YES	Full concentricity checks to be done	
WINDING ANT-CONDENSATION HEATERS	NO		

STATOR CORE & WINDING			
CORE	NO		
WINDING	YES	Rewind and VPI, replace with 6 off PT100 probes	
WEDGES	YES	Replace with rewind	
STATOR ID	NO		
ROTOR OD	NO		
OVERHAUL STATOR	YES	Mandatory	

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
ROTOR			
SHAFT EXTENTION	YES	Coupling - Microweld and machine to maximum size	
SHAFT RUN OUT	YES	Max run out 0.03mm	
D/E BEARINGS JOURNAL	YES	Microweld and Machine to size 199.75	
D/E SEAL LANDINGS	YES	Microweld and Machine to maximum size (Inner & outer)	
N.D/E BEARING JOURNAL	YES	Microweld and Machine to size 199.75	
N.D/E SEAL LANDINGS	YES	Microweld and Machine to maximum size (Inner & outer)	
D/E COOLING FAN	NO		
N. D/E COOLING FAN	NO		
EXTERNAL COOLING FAN	NO		
BALANCE ROTOR	YES	Balance at full speed	
FAN COWL	NO		
ROTOR CORE & WINDINGS – SQUIRREL CAGE MOTOR			
ROTOR CORE	YES	Replace with new core	
ROTOR BARS	YES	Replace with new core	
SHORT CIRCUIT RINGS	YES	Replace with new core	

WELDING/BRAZING	YES	Replace with new core	
OVERHAUL ROTOR	YES	Mandatory	

DESCRIPTION	Repairs Y/N	WORK TO BE DONE	PRICE
DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING BORE	NO		
BEARING CAP	NO		
SUPPORT BRACKETS	NO		
DRIVE END BEARING HOUSING			
W/M SITE GLASS & PORTS	NO		
BEARING HOUSING O/D	YES	Overhaul housing	
BEARING HOUSING I/D	NO		
BEARING HOUSING FRONT/REAR COVER	NO		
W/M SLEEVE BEARING BORE	YES	Re-metal bearing	
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
BEARING INSULATION	YES	Replace insulation and test	
BEARING HOUSING FIXING BOLTS	NO		
SEALS	YES	Replace seals	
BEARINGS REPLACE	NO		
BEARING CAP	NO		

DESCRIPTION	Repair Y/N	WORK TO BE DONE	PRICE
NON DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING SEAT	NO		
SUPPORT BRACKETS	NO		
NON DRIVE END BEARING HOUSING			
W/M SITE GLASS & PORTS	NO		
BEARING HOUSING O/D	YES	Overhaul	
BEARING HOUSING I/D	NO		
BEARING HOUSING INNER & OUTER CAP	NO		
W/M SLEEVE BEARING BORE	YES	Re-metal bearing	
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
W/M BEARING INSULATION	YES	Replace insulation and test	
BEARING HOUSING FIXING BOLTS	NO		
SEALS	YES	Replace seals	
BEARINGS REPLACE	NO		
ADDITIONAL WORK INFORMATION			PRICE
<ul style="list-style-type: none"> Replace PT 100 probes – DE & NDE 			
<ul style="list-style-type: none"> Replace 225mm Segmented Earth ring on shaft 			

GENERAL ADDITIONALS	PRICE
ASSEMBLE, PAINT AND TEST RUN	
TRANSPORT TO ARNOT SITE	

LABOUR RATES	RATE
ARTISAN	
ASSISTANT	

GENERAL REQUIREMENTS
HOLD POINTS:
WITNESS OF TEST RUN REQUIRED YES
MOTOR FAN COWLS SHALL BE PAINTED ORANGE
MOTOR TERMINAL BOXES SHALL BE PAINTED RED
MOTOR HOUSING SHALL BE PAINTED BATTLESHIP GREY
FULL TEST, QC REPORTS AND WARRANTY TO BE SUBMITTED WITH DELIVERY
DELIVERY NOTE AND INVOICE TO ACCOMPANY DELIVERY
<i>WHEN LOADING MOTORS, BINS MUST BE PROVIDED TO CONTAIN SMALL SPARES</i>
<i>THIS CANNOT BE MARKED. THIS BIN MUST BE CLEARLY IDENTIFIABLE.</i>

Arnot Power Station Motor Repairs

FROM: (Company name)_____

TO: ARNOT POWER STATION

E-Mail to OLT :

OLT Number :

Ref. nr :

REPAIRS TO BE DONE ON THE FOLLOWING MOTOR AS DESCRIBED IN THE PRICE LIST AND
TENDERED FOR IN THE PRICE LIST

MACHINE DETAILS			
<i>Make</i>	BOYD BROWN	<i>Voltage</i>	3300 V
<i>Serial No.</i>	79021-02	<i>Stator current</i>	89
<i>Kilo Watt</i>	425kW	<i>Frame Size/Type</i>	JKD45014/ DH 500
<i>Location</i>	AWR Recovery Motor	<i>Speed</i>	1485

ASSESSMENT JOB NO:	HV22-8054	ENQUIRY NO:	EMD20220613B
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TENDER CLOSING DATE & TIME	
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DELIVERY FROM RECEIPT OF ORDER:	WEEKS
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TOTAL TENDER VALUE THIS JOB NO:	
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PRICE LIST:

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
TERMINAL BOX AND TERMINALS			
LEADS LINE SIDE	YES	Replace with rewind	
LEADS STAR POINT SIDE	YES	Replace with rewind	
TERMINAL CONNECTIONS LINE SIDE	YES	Replace with rewind	
TERMINAL CONNECTIONS STAR POINT SIDE	YES	Replace with rewind	
TERMINAL BOX LID LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LID STAR SIDE	YES	Replace gaskets	
TERMINAL BOX STAR POINT SIDE	YES	Replace gaskets	
AUXILIARY BOX			
HEAT EXCHANGER			
TUBING	NO		
HOUSING	NO		
GASKETS AND SEALS	YES	Replace gaskets	
FASTING BRACKETS	NO		
STATOR HOUSING			

FOOT MOUNTING	YES	Skim feet	
END SHIELD MOUNTING SPIGOTS DE	YES	Full concentricity checks to be done	
END SHIELD MOUNTING SPIGOTS NDE	YES	Full concentricity checks to be done	
WINDING ANT- CONDENSATION HEATERS	NO		

STATOR CORE & WINDING			
CORE	YES	Manufacture new core	
WINDING	YES	Rewind, VPI winding and bake	
WEDGES	YES	Replace with new winding	
STATOR ID	NO		
ROTOR OD	NO		
OVERHAUL STATOR	YES	Mandatory	

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
ROTOR			
SHAFT EXTENTION	YES	Microweld coupling landing and machine to maximum size	
SHAFT RUN OUT	YES	Max run out 0.03mm	
D/E BEARINGS JOURNAL	YES	Microweld and Machine to size 105.03	
D/E SEAL LANDINGS	YES	Microweld and machine to maximum size	
N.D/E BEARING JOURNAL	YES	Polish	
N.D/E SEAL LANDINGS	YES	Polish	
D/E COOLING FAN	NO		
N. D/E COOLING FAN	NO		
EXTERNAL COOLING FAN	YES	Repair internal and external fan	
BALANCE ROTOR	YES	Balance at full speed	
FAN COWL	YES	Overhaul and repair	
ROTOR CORE & WINDINGS – SQUIRREL CAGE MOTOR			
ROTOR CORE	YES	Replace with new core	
ROTOR BARS	YES	Replace rotor bars	
SHORT CIRCUIT RINGS	YES	Fit new	

WELDING/BRAZING	YES	Fit with new short circuit rings	
OVERHAUL ROTOR	YES	Mandatory	

DESCRIPTION	Repairs Y/N	WORK TO BE DONE	PRICE
DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING BORE	YES	Re-tyre to minimum size	
BEARING CAP	NO		
SUPPORT BRACKETS	NO		
DRIVE END BEARING HOUSING			
W/M SITE GLASS & PORTS	NO		
BEARING HOUSING O/D	YES	Re-sleeve to minimum size	
BEARING HOUSING I/D	NO		
BEARING HOUSING FRONT/REAR COVER	NO		
W/M SLEEVE BEARING BORE	NO		
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
BEARING INSULATION	YES	Re-insulated and test	
BEARING HOUSING FIXING BOLTS	YES	Replace 8 off	
SEALS	NO		
BEARINGS REPLACE	YES	NU321 EC3 and Circlips 75 mm	
BEARING CAP	NO		

DESCRIPTION	Repair Y/N	WORK TO BE DONE	PRICE
NON DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING SEAT	NO		
SUPPORT BRACKETS	NO		
NON DRIVE END BEARING HOUSING			
W/M SITE GLASS &PORTS	NO		
BEARING HOUSING O/D	YES	Re-sleeve to minimum size	
BEARING HOUSING I/D	NO		
BEARING HOUSING INNER & OUTER CAP	NO		
W/M SLEEVE BEARING BORE	NO		
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
BEARING INSULATION	YES	Re-insulate and test	
BEARING HOUSING FIXING BOLTS	NO		
SEALS	NO		
BEARINGS REPLACE	YES	NU 6321 EC3 and 75mm circlip	
ADDITIONAL WORK INFORMATION			PRICE
<ul style="list-style-type: none"> Fit new grease pipes 			

GENERAL ADDITIONALS	PRICE
ASSEMBLE, PAINT AND TEST RUN	
TRANSPORT TO ARNOT SITE	

LABOUR RATES		RATE
ARTISAN		
ASSISTANT		

GENERAL REQUIREMENTS	
HOLD POINTS:	
WITNESS OF TEST RUN REQUIRED	YES
MOTOR FAN COWLS SHALL BE PAINTED ORANGE	
MOTOR TERMINAL BOXES SHALL BE PAINTED RED	
MOTOR HOUSING SHALL BE PAINTED BATTLESHIP GREY	
FULL TEST, QC REPORTS AND WARRANTY TO BE SUBMITTED WITH DELIVERY	
DELIVERY NOTE AND INVOICE TO ACCOMPANY DELIVERY	
<i>WHEN LOADING MOTORS, BINS MUST BE PROVIDED TO CONTAIN SMALL SPARES</i>	
<i>THIS CANNOT BE MARKED. THIS BIN MUST BE CLEARLY IDENTIFIABLE.</i>	

Arnot Power Station Motor Repairs

FROM: (Company name)_____

TO: ARNOT POWER STATION

E-Mail to OLT :

OLT Number :

Ref. nr :

REPAIRS TO BE DONE ON THE FOLLOWING MOTOR AS DESCRIBED IN THE PRICE LIST AND
TENDERED FOR IN THE PRICE LIST

MACHINE DETAILS			
<i>Make</i>	BOYD BROWN	<i>Voltage</i>	3300 V
<i>Serial No.</i>	79021-06	<i>Stator current</i>	89
<i>Kilo Watt</i>	425kW	<i>Frame Size/Type</i>	JKD45014/ DH 500
<i>Location</i>	AWR Recovery Motor	<i>Speed</i>	1485

ASSESSMENT JOB NO:	HV21-8301	ENQUIRY NO:	EMD20220613A
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TENDER CLOSING DATE & TIME	
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DELIVERY FROM RECEIPT OF ORDER:	WEEKS
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TOTAL TENDER VALUE THIS JOB NO:	
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PRICE LIST:

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
TERMINAL BOX AND TERMINALS			
LEADS LINE SIDE	YES	Replace with rewind	
LEADS STAR POINT SIDE	YES	Replace with rewind	
TERMINAL CONNECTIONS LINE SIDE	YES	Replace with rewind	
TERMINAL CONNECTIONS STAR POINT SIDE	YES	Replace with rewind	
TERMINAL BOX LID LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LID STAR SIDE	YES	Replace gaskets	
TERMINAL BOX STAR POINT SIDE	YES	Replace gaskets	
AUXILIARY BOX			
HEAT EXCHANGER			
TUBING	NO		
HOUSING	NO		
GASKETS AND SEALS	YES	Replace gaskets	
FASTING BRACKETS	NO		
STATOR HOUSING			
FOOT MOUNTING	YES	Skim feet	
END SHIELD MOUNTING SPIGOTS	YES	Full concentricity checks to be done	

DE			
END SHIELD MOUNTING SPIGOTS NDE	YES	Full concentricity checks to be done	
WINDING ANT- CONDENSATION HEATERS	NO		

STATOR CORE & WINDING			
CORE			
WINDING	YES	Rewind, VPI winding and bake	
WEDGES	YES	Replace with new winding	
STATOR ID	NO		
ROTOR OD	NO		
OVERHAUL STATOR	YES	Mandatory	

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
ROTOR			
SHAFT EXTENTION	YES	Microweld coupling landing to maximum size	
SHAFT RUN OUT	YES	Max run out 0.03mm	
D/E BEARINGS JOURNAL	NO		
D/E SEAL LANDINGS	NO		
N.D/E BEARING JOURNAL	NO		
N.D/E SEAL LANDINGS	NO		
D/E COOLING FAN	NO		
N. D/E COOLING FAN	NO		
EXTERNAL COOLING FAN	NO		
BALANCE ROTOR	YES	Balance at full speed	
FAN COWL	YES	Overhaul	
ROTOR CORE & WINDINGS – SQUIRREL CAGE MOTOR			
ROTOR CORE	YES	Replace with new core	
ROTOR BARS	YES	Replace rotor bars	
SHORT CIRCUIT RINGS	YES	Fit new	
WELDING/BRAZING	YES	Fit with new short circuit rings	

OVERHAUL ROTOR	YES	Mandatory	
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DESCRIPTION	Repairs Y/N	WORK TO BE DONE	PRICE
DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING BORE	NO		
BEARING CAP	NO		
SUPPORT BRACKETS	NO		
DRIVE END BEARING HOUSING			
W/M SITE GLASS & PORTS	NO		
BEARING HOUSING O/D	YES	Re-sleeve to minimum size	
BEARING HOUSING I/D	NO		
BEARING HOUSING FRONT/REAR COVER	NO		
W/M SLEEVE BEARING BORE	NO		
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
BEARING INSULATION	YES	Re-insulated and test	
BEARING HOUSING FIXING BOLTS	NO		
SEALS	NO		
BEARINGS REPLACE	YES	NU321 EC3 and Circlips 75 mm	
BEARING CAP	NO		

DESCRIPTION	Repair Y/N	WORK TO BE DONE	PRICE
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NON DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING SEAT	NO		
SUPPORT BRACKETS	NO		
NON DRIVE END BEARING HOUSING			
W/M SITE GLASS & PORTS	NO		
BEARING HOUSING O/D	YES	Re-sleeve to minimum size	
BEARING HOUSING I/D	NO		
BEARING HOUSING INNER & OUTER CAP	NO		
W/M SLEEVE BEARING BORE	NO		
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
BEARING INSULATION	YES	Re-insulate and test	
BEARING HOUSING FIXING BOLTS	NO		
SEALS	NO		
BEARINGS REPLACE	YES	NU 6321 EC3 and 75mm circlip	
ADDITIONAL WORK INFORMATION			PRICE
<ul style="list-style-type: none"> Fit new grease pipes 			
<ul style="list-style-type: none"> Repair 2 off lock nuts 			

GENERAL ADDITIONALS	PRICE
ASSEMBLE, PAINT AND TEST RUN	
TRANSPORT TO ARNOT SITE	

LABOUR RATES		RATE
ARTISAN		
ASSISTANT		

GENERAL REQUIREMENTS	
HOLD POINTS:	
WITNESS OF TEST RUN REQUIRED	YES
MOTOR FAN COWLS SHALL BE PAINTED ORANGE	
MOTOR TERMINAL BOXES SHALL BE PAINTED RED	
MOTOR HOUSING SHALL BE PAINTED BATTLESHIP GREY	
FULL TEST, QC REPORTS AND WARRANTY TO BE SUBMITTED WITH DELIVERY	
DELIVERY NOTE AND INVOICE TO ACCOMPANY DELIVERY	
<i>WHEN LOADING MOTORS, BINS MUST BE PROVIDED TO CONTAIN SMALL SPARES</i>	
<i>THIS CANNOT BE MARKED. THIS BIN MUST BE CLEARLY IDENTIFIABLE.</i>	

Arnot Power Station Motor Repairs

FROM: (Company name)_____

TO: ARNOT POWER STATION

E-Mail to OLT :

OLT Number :

Ref. nr :

REPAIRS TO BE DONE ON THE FOLLOWING MOTOR AS DESCRIBED IN THE PRICE LIST AND TENDERED FOR IN THE PRICE LIST

MACHINE DETAILS			
Make	ACTOM	Stator Volts	11 000 V
Serial No.	C004571-03	Stator current	186
Kilo Watt	2750 kW	Frame Size/Type	
Location	U3 RH ID fan motor	Speed	747
ASSESSMENT JOB NO:	HV22-8189	ENQUIRY NO:	EMD20220825A

TENDER CLOSING DATE & TIME	
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DELIVERY FROM RECEIPT OF ORDER:	WEEKS
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TOTAL TENDER VALUE THIS JOB NO:	
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PRICE LIST:

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
TERMINAL BOX AND TERMINALS			
LEADS LINE SIDE	YES	Replace with rewind	
LEADS STAR POINT SIDE	YES	Replace with rewind	
TERMINAL CONNECTIONS LINE SIDE	YES	Replace with rewind	
TERMINAL CONNECTIONS STAR POINT SIDE	YES	Replace with rewind	
TERMINAL BOX LID LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LID STAR SIDE	YES	Replace gaskets	
TERMINAL BOX STAR POINT SIDE	YES	Replace gaskets	
AUXILIARY BOX	YES	Replace 2x desicator, fit new terminal box.	
HEAT EXCHANGER			
TUBING	NO		
HOUSING	NO		
GASKETS AND SEALS	YES	Replace gaskets	
FASTING BRACKETS	NO		
STATOR HOUSING			
FOOT MOUNTING	YES	Skim	
END SHIELD MOUNTING SPIGOTS DE	YES	Full concentricity checks to be done	

END SHIELD MOUNTING SPIGOTS NDE	YES	Full concentricity checks to be done	
WINDING ANT- CONDENSATION HEATERS	NO		

STATOR CORE & WINDING			
CORE	NO		
WINDING	YES	Rewind and VPI, replace with 6 off PT100 probes	
WEDGES	YES	Replace with rewind	
STATOR ID	NO		
ROTOR OD	NO		
OVERHAUL STATOR	YES	Mandatory	

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
ROTOR			
SHAFT EXTENTION	YES	Coupling fan side - Microweld and machine to maximum size	
SHAFT RUN OUT	YES	Max run out 0.03mm	
D/E BEARINGS JOURNAL	YES	Polish	
D/E SEAL LANDINGS	YES	Microweld and Machine to maximum size (Inner & outer)	
N.D/E BEARING JOURNAL	YES	Microweld and Machine to size 199.75	
N.D/E SEAL LANDINGS	YES	Microweld and Machine to maximum size (Inner & outer)	
D/E COOLING FAN	NO		
N. D/E COOLING FAN	NO		
COOLING FAN	NO		
BALANCE ROTOR	YES	Balance at full speed	
FAN COWL	NO		
ROTOR CORE & WINDINGS – SQUIRREL CAGE MOTOR			
ROTOR CORE	NO		

ROTOR BARS	NO		
SHORT CIRCUIT RINGS	NO		
WELDING/BRAZING	NO		
OVERHAUL ROTOR	YES	Mandatory	

DESCRIPTION	Repairs Y/N	WORK TO BE DONE	PRICE
DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING CAP	NO		
SUPPORT BRACKETS	NO		
DRIVE END BEARING HOUSING			
W/M SITE GLASS & PORTS	NO		
BEARING HOUSING O/D	YES	Overhaul housing	
BEARING HOUSING I/D	NO		
BEARING HOUSING FRONT/REAR COVER	NO		
W/M SLEEVE BEARING BORE	YES	Re-metal bearing	
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
BEARING INSULATION	YES	Replace insulation and test	
BEARING HOUSING FIXING BOLTS	NO		
SEALS	YES	Replace seals	
BEARINGS REPLACE	NO		
BEARING CAP	NO		

DESCRIPTION	Repair Y/N	WORK TO BE DONE	PRICE
NON DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING SEAT	NO		
SUPPORT BRACKETS	NO		
NON DRIVE END BEARING HOUSING			
W/M SITE GLASS &PORTS	NO		
BEARING HOUSING O/D	YES	Overhaul	
BEARING HOUSING I/D	NO		
BEARING HOUSING INNER & OUTER CAP	NO		
W/M SLEEVE BEARING BORE	YES	Re-metal bearing	
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
W/M BEARING INSULATION	YES	Replace insulation and test	
BEARING HOUSING FIXING BOLTS	NO		
SEALS	YES	Replace seals	
BEARINGS REPLACE	NO		
ADDITIONAL WORK INFORMATION			PRICE
<ul style="list-style-type: none"> Replace PT 100 probes – DE & NDE 			

GENERAL ADDITIONALS	PRICE
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ASSEMBLE, PAINT AND TEST RUN	
TRANSPORT TO ARNOT SITE	

LABOUR RATES	RATE
ARTISAN	
ASSISTANT	

GENERAL REQUIREMENTS
HOLD POINTS:
WITNESS OF TEST RUN REQUIRED YES
MOTOR FAN COWLS SHALL BE PAINTED ORANGE
MOTOR TERMINAL BOXES SHALL BE PAINTED RED
MOTOR HOUSING SHALL BE PAINTED BATTLESHIP GREY
FULL TEST, QC REPORTS AND WARRANTY TO BE SUBMITTED WITH DELIVERY
DELIVERY NOTE AND INVOICE TO ACCOMPANY DELIVERY
<i>WHEN LOADING MOTORS, BINS MUST BE PROVIDED TO CONTAIN SMALL SPARES</i>
<i>THIS CANNOT BE MARKED. THIS BIN MUST BE CLEARLY IDENTIFIABLE.</i>

Arnot Power Station Motor Repairs

FROM: (Company name)_____

TO: ARNOT POWER STATION

E-Mail to OLT :

OLT Number :

Ref. nr :

REPAIRS TO BE DONE ON THE FOLLOWING MOTOR AS DESCRIBED IN THE PRICE LIST AND TENDERED FOR IN THE PRICE LIST

MACHINE DETAILS			
<i>Make</i>	BOYD BROWN	<i>Stator Volts</i>	3 300 V
<i>Serial No.</i>	79021-05	<i>Stator current</i>	89
<i>Kilo Watt</i>	425 kW	<i>Frame Size/Type</i>	JKD45014/ DH 500
<i>Location</i>	AWR R Motor	<i>Speed</i>	1485

ASSESSMENT JOB NO:	HV22-8190	ENQUIRY NO:	EMD20220825B
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TENDER CLOSING DATE & TIME	
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DELIVERY FROM RECEIPT OF ORDER:	WEEKS
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TOTAL TENDER VALUE THIS JOB NO:	
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PRICE LIST:

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
TERMINAL BOX AND TERMINALS			
LEADS LINE SIDE	YES	Replace with rewind	
LEADS STAR POINT SIDE	NO		
TERMINAL CONNECTIONS LINE SIDE	YES	Replace with rewind	
TERMINAL CONNECTIONS STAR POINT SIDE	NO		
TERMINAL BOX LID LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LID STAR SIDE	NO		
TERMINAL BOX STAR POINT SIDE	NO		
AUXILIARY BOX	NO		
HEAT EXCHANGER			
TUBING	NO		
HOUSING	NO		
GASKETS AND SEALS	YES	Replace gaskets	
FASTING BRACKETS	NO		
STATOR HOUSING			
FOOT MOUNTING	YES	Polish	
END SHIELD MOUNTING SPIGOTS DE	YES	Full concentricity checks to be done	
END SHIELD MOUNTING SPIGOTS NDE	YES	Full concentricity checks to be done	

WINDING ANT-CONDENSATION HEATERS	NO		
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STATOR CORE & WINDING			
CORE	YES	Replace with new core	
WINDING	YES	Rewind and VPI, replace with 6 off PT100 probes	
WEDGES	YES	Replace with rewind	
STATOR ID	NO		
ROTOR OD	NO		
OVERHAUL STATOR	YES	Mandatory	

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
ROTOR			
SHAFT EXTENTION	YES	Replace with new shaft	
SHAFT RUN OUT	YES	Max run out 0.03mm	
D/E BEARINGS JOURNAL	NO		
D/E SEAL LANDINGS	NO		
N.D/E BEARING JOURNAL	NO		
N.D/E SEAL LANDINGS	NO		
D/E COOLING FAN	NO		
N. D/E COOLING FAN	NO		
EXTERNAL COOLING FAN	NO		
BALANCE ROTOR	YES	Balance at full speed	
FAN COWL	NO		
ROTOR CORE & WINDINGS – SQUIRREL CAGE MOTOR			
ROTOR CORE	YES	Replace with new core	
ROTOR BARS	YES	Replace with new core	
SHORT CIRCUIT RINGS	YES	Replace with new core	
WELDING/BRAZING	YES	Replace with new core	
OVERHAUL ROTOR	YES	Mandatory	

DESCRIPTION	Repairs Y/N	WORK TO BE DONE	PRICE
DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING BORE	NO		
BEARING CAP	YES	Manufacture new outer cap.	
SUPPORT BRACKETS	NO		
DRIVE END BEARING HOUSING			
W/M SITE GLASS & PORTS	NO		
BEARING HOUSING O/D	NO		
BEARING HOUSING I/D	NO		
BEARING HOUSING FRONT/REAR COVER	YES	Replace with new housing	
W/M SLEEVE BEARING BORE	NO		
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
BEARING INSULATION	NO		
BEARING HOUSING FIXING BOLTS	NO		
SEALS	YES	Replace seals	
BEARINGS REPLACE	YES	NU 321	
BEARING CAP	NO		

DESCRIPTION	Repair Y/N	WORK TO BE DONE	PRICE
NON DRIVE END SHIELD			

SPIGOT	YES	See stator housing		
FIXING BOLTS	NO			
BEARING HOUSING SEAT	NO			
SUPPORT BRACKETS	NO			
NON DRIVE END BEARING HOUSING				NO
W/M SITE GLASS &PORTS	NO			
BEARING HOUSING O/D	NO			
BEARING HOUSING I/D	NO			
BEARING HOUSING INNER & OUTER CAP	YES	Replace bearing housing		
W/M SLEEVE BEARING BORE	NO			
W/M SLEEVE BEARING OIL RING	NO			
BEARING GREASE SLINGER	NO			
W/M BEARING INSULATION	NO			
BEARING HOUSING FIXING BOLTS	NO			
SEALS	YES	Replace seals		
BEARINGS REPLACE	YES	6321		
ADDITIONAL WORK INFORMATION			PRICE	
<ul style="list-style-type: none"> Replace PT 100 probes – DE & NDE 				
<ul style="list-style-type: none"> Replace 225mm Segmented Earth ring on shaft 				

GENERAL ADDITIONALS	PRICE
ASSEMBLE, PAINT AND TEST RUN	
TRANSPORT TO ARNOT SITE	

LABOUR RATES		RATE
ARTISAN		
ASSISTANT		

GENERAL REQUIREMENTS	
HOLD POINTS:	
WITNESS OF TEST RUN REQUIRED	YES
MOTOR FAN COWLS SHALL BE PAINTED ORANGE	
MOTOR TERMINAL BOXES SHALL BE PAINTED RED	
MOTOR HOUSING SHALL BE PAINTED BATTLESHIP GREY	
FULL TEST, QC REPORTS AND WARRANTY TO BE SUBMITTED WITH DELIVERY	
DELIVERY NOTE AND INVOICE TO ACCOMPANY DELIVERY	
<i>WHEN LOADING MOTORS, BINS MUST BE PROVIDED TO CONTAIN SMALL SPARES</i>	
<i>THIS CANNOT BE MARKED. THIS BIN MUST BE CLEARLY IDENTIFIABLE.</i>	

Arnot Power Station Motor Repairs

FROM: (Company name)_____

TO: ARNOT POWER STATION

E-Mail to OLT :

OLT Number :

Ref. nr :

REPAIRS TO BE DONE ON THE FOLLOWING MOTOR AS DESCRIBED IN THE PRICE LIST AND TENDERED FOR IN THE PRICE LIST

MACHINE DETAILS			
<i>Make</i>	BOYD BROWN	<i>Stator Volts</i>	3 300 V
<i>Serial No.</i>	79021-05	<i>Stator current</i>	89
<i>Kilo Watt</i>	425 kW	<i>Frame Size/Type</i>	JKD45014/ DH 500
<i>Location</i>	AWR R Motor	<i>Speed</i>	1485

ASSESSMENT JOB NO:	HV22-8190	ENQUIRY NO:	EMD20220825B
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TENDER CLOSING DATE & TIME	
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DELIVERY FROM RECEIPT OF ORDER:	WEEKS
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TOTAL TENDER VALUE THIS JOB NO:	
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PRICE LIST:

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
TERMINAL BOX AND TERMINALS			
LEADS LINE SIDE	YES	Replace with rewind	
LEADS STAR POINT SIDE	NO		
TERMINAL CONNECTIONS LINE SIDE	YES	Replace with rewind	
TERMINAL CONNECTIONS STAR POINT SIDE	NO		
TERMINAL BOX LID LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LINE SIDE	YES	Replace gaskets	
TERMINAL BOX LID STAR SIDE	NO		
TERMINAL BOX STAR POINT SIDE	NO		
AUXILIARY BOX	NO		
HEAT EXCHANGER			
TUBING	NO		
HOUSING	NO		
GASKETS AND SEALS	YES	Replace gaskets	
FASTING BRACKETS	NO		
STATOR HOUSING			
FOOT MOUNTING	YES	Polish	
END SHIELD MOUNTING SPIGOTS DE	YES	Full concentricity checks to be done	
END SHIELD MOUNTING SPIGOTS NDE	YES	Full concentricity checks to be done	

WINDING ANT-CONDENSATION HEATERS	NO		
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STATOR CORE & WINDING			
CORE	YES	Replace with new core	
WINDING	YES	Rewind and VPI, replace with 6 off PT100 probes	
WEDGES	YES	Replace with rewind	
STATOR ID	NO		
ROTOR OD	NO		
OVERHAUL STATOR	YES	Mandatory	

DESCRIPTION	REPAIR Y/N	WORK TO BE DONE	PRICE
ROTOR			
SHAFT EXTENTION	YES	Replace with new shaft	
SHAFT RUN OUT	YES	Max run out 0.03mm	
D/E BEARINGS JOURNAL	NO		
D/E SEAL LANDINGS	NO		
N.D/E BEARING JOURNAL	NO		
N.D/E SEAL LANDINGS	NO		
D/E COOLING FAN	NO		
N. D/E COOLING FAN	NO		
EXTERNAL COOLING FAN	NO		
BALANCE ROTOR	YES	Balance at full speed	
FAN COWL	NO		
ROTOR CORE & WINDINGS – SQUIRREL CAGE MOTOR			
ROTOR CORE	YES	Replace with new core	
ROTOR BARS	YES	Replace with new core	
SHORT CIRCUIT RINGS	YES	Replace with new core	
WELDING/BRAZING	YES	Replace with new core	
OVERHAUL ROTOR	YES	Mandatory	

DESCRIPTION	Repairs Y/N	WORK TO BE DONE	PRICE
DRIVE END SHIELD			
SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING BORE	NO		
BEARING CAP	YES	Manufacture new outer cap.	
SUPPORT BRACKETS	NO		
DRIVE END BEARING HOUSING			
W/M SITE GLASS & PORTS	NO		
BEARING HOUSING O/D	NO		
BEARING HOUSING I/D	NO		
BEARING HOUSING FRONT/REAR COVER	YES	Replace with new housing	
W/M SLEEVE BEARING BORE	NO		
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
BEARING INSULATION	NO		
BEARING HOUSING FIXING BOLTS	NO		
SEALS	YES	Replace seals	
BEARINGS REPLACE	YES	NU 321	
BEARING CAP	NO		

DESCRIPTION	Repair Y/N	WORK TO BE DONE	PRICE
NON DRIVE END SHIELD			

SPIGOT	YES	See stator housing	
FIXING BOLTS	NO		
BEARING HOUSING SEAT	NO		
SUPPORT BRACKETS	NO		
NON DRIVE END BEARING HOUSING			NO
W/M SITE GLASS &PORTS	NO		
BEARING HOUSING O/D	NO		
BEARING HOUSING I/D	NO		
BEARING HOUSING INNER & OUTER CAP	YES	Replace bearing housing	
W/M SLEEVE BEARING BORE	NO		
W/M SLEEVE BEARING OIL RING	NO		
BEARING GREASE SLINGER	NO		
W/M BEARING INSULATION	NO		
BEARING HOUSING FIXING BOLTS	NO		
SEALS	YES	Replace seals	
BEARINGS REPLACE	YES	6321	
ADDITIONAL WORK INFORMATION			PRICE
<ul style="list-style-type: none"> Replace PT 100 probes – DE & NDE 			
<ul style="list-style-type: none"> Replace 225mm Segmented Earth ring on shaft 			

GENERAL ADDITIONALS	PRICE
ASSEMBLE, PAINT AND TEST RUN	
TRANSPORT TO ARNOT SITE	

LABOUR RATES	RATE
ARTISAN	
ASSISTANT	

GENERAL REQUIREMENTS
HOLD POINTS:
WITNESS OF TEST RUN REQUIRED YES
MOTOR FAN COWLS SHALL BE PAINTED ORANGE
MOTOR TERMINAL BOXES SHALL BE PAINTED RED
MOTOR HOUSING SHALL BE PAINTED BATTLESHIP GREY
FULL TEST, QC REPORTS AND WARRANTY TO BE SUBMITTED WITH DELIVERY
DELIVERY NOTE AND INVOICE TO ACCOMPANY DELIVERY
<i>WHEN LOADING MOTORS, BINS MUST BE PROVIDED TO CONTAIN SMALL SPARES</i>
<i>THIS CANNOT BE MARKED. THIS BIN MUST BE CLEARLY IDENTIFIABLE.</i>

Title	Date or revision	Tick if publicly available
<u>General Specifications:</u>		
Health and Safety requirements		
Environmental requirements		
Site regulations and access control		
<u>Technical specifications:</u>		
240-89217674 Refurbishment and Repair of Power Station Electric Motor Work Instrurction	Rev 2	Upon request

3. Constraints on how the *Contractor* Provides the Service

State any constraints on the sequence and timing of work and on the methods and conduct of work including the requirements for any work by the *Employer*.
Also include any management related constraints, invoicing and payment procedures some of which have been inserted below as a minimum guide.

3.1 Meetings

Title and purpose	Approximate time & interval	Location	Attendance by:
Overall contract progress and feedback	Monthly on 2 nd week of each month at	Service manager's office	<i>Employer, Contractor</i>

3.2 Use of standard forms

The contractor must submit QCP's to the *Service Manager* once repair work is completed for acceptance and approval.

Test reports must be submitted to Service Manager after completion.

3.3 Invoicing and payment

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

In terms of core clause 50 the *Contractor* assesses the amount due and applies to the *Employer* for payment. The *Contractor* applies for payment with a tax invoice addressed to the *Employer* as follows:

The *Contractor* includes the following information on each tax invoice:

- Name and address of the *Contractor*
- The contract number and title;
- *Contractor's* VAT registration number;
- The *Employer's* VAT registration number 4740101508;
- The total of
 - The Price for each lump sum item in the Price List or Task Order which the *Contractor* has completed;
 - Where a quantity is stated for an item in the Price List or Task Order, an amount calculated by multiplying the quantity which the *Contractor* has completed by the rate,
- Other amounts to be paid to the *Contractor*;

- Less amounts to be paid by or retained from the *Contractor*;
- The change in the amount due since the previous payment being the invoiced amount - excluding VAT, the VAT and including VAT;
- (add other as required)

The *Contractor* attaches the detail assessment of all work done for each item in the Price List to each tax invoice showing

- the Price for each lump sum item in the Price List or Task Order which the *Contractor* has completed and
- where a quantity is stated for an item in the Price List or Task Order, an amount calculated by multiplying the quantity which the *Contractor* has completed by the rate.

3.4 Records of Defined Cost

N/A

3.5 Accelerated Shared Growth Initiative – South Africa (ASGI-SA)

N/A

3.6 BBBEE and preferencing scheme

N/A

3.7 Cataloguing requirements by the *Contractor*

N/A

4. Requirements for the plan

All equipment must be supplied in accordance with the specifications as stated in 1.2. If any clarity is required on specifications, the contractor should contact *Service Manager*.

5. Services and other things provided by the *Employer*

The contractor must submit QCP's to the *Service Manager* once repair work is completed for acceptance and approval.
Test reports must be submitted to Service Manager after completion.

6. Property affected by the service

N/A

Task Order

Task Order form for use when work within the *service* is instructed to be carried out within a stated period of time on a Task by Task basis

Task Order No. [•] *service* [•]

To: [•].....
..... (*Contractor*)

I propose to instruct you to carry out the following task:

Description [•]

Starting date [•]

Completion Date [•]

Delay damages per week [•]

Please submit your price and programme proposals below.

Signed: _____ Date _____

(for *Employer*)

Total of Prices for items of work on the Price List
(details attached)

R. _____

Total of Prices for items of work not on the Price List
(details attached).

R. _____

Total of the Prices for this Task Order R _____

The programme for the Task is [ref] (attached)

Signed: _____ Date _____

(for *Contractor*)

I accept the above price and programme and instruct you to carry out the Task

Signed: _____ Date: _____

(for *Employer*)