

Provision of Maintenance Services for Bulk Water Handling Plants and Sites on an “as and when required for a period of 24 months on as an when required basis

NEC3 Term Service Contract (TSC3)

Between

**ESKOM ROTEK INDUSTRIES SOC Ltd
(Reg No. 1990/006897/30)**

and

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

for

**Provision of Maintenance Services for Bulk Water Handling
Plants and Sites on an “as and when required for a period of 24
months on as an when required basis**

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Agreements & Contract Data

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[•]

CONTRACT No.

[Insert at award stage]

Provision of Maintenance Services for Bulk Water Handling Plants and Sites on an “as and when required for a period of 24 months on as an when required basis

PART C1: AGREEMENTS & CONTRACT DATA

Contents:		No of pages
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C1.1 Form of Offer & Acceptance

Section 1.01 Offer

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

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The tenderer, identified in the Offer signature block, has examined the documents listed in the Tender Data and addenda thereto 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.

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

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

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

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Section 1.03 Schedule of Deviations to be completed by the *Employer* prior to contract award

Note:

1. This part of the Offer & Acceptance would not be required if the contract has been developed by negotiation between the Parties and is not the result of a process of competitive tendering.
2. The extent of deviations from the tender documents issued by the 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.

(i) For the tenderer:

(ii) For the Employer

Signature _____

Name _____

Capacity _____

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

Eskom Rotek Industries

Name & signature of witness _____

Date _____

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C1.2 TSC3 Contract Data

Article II. Part one - Data provided by the *Employer*

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

Clause	Section 2.01 Statement	Section 2.02 Data
1	Section 2.03 General	Section 2.04
	The <i>conditions of contract</i> are the core clauses and the clauses for main Option: <div style="background-color: #cccccc; width: 100px; height: 20px; margin-bottom: 5px;"></div> dispute resolution Option and secondary Options <div style="background-color: #cccccc; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="background-color: #cccccc; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="background-color: #cccccc; width: 100px; height: 20px; margin-bottom: 5px;"></div>	A: Priced contract with price list W1: Dispute resolution procedure X1: Price adjustment for inflation X2 Changes in the law X7: Delay Damages X17: Low service damages X18: Limitation of liability X19: Task Order X20: Key performance indicators Z: Additional conditions of contract
	of the NEC3 Term Service Contract April 2013 ² (TSC3)	
10.1	The <i>Employer</i> is (name): Address Tel No. Fax No.	Eskom Rotek Industries SOC Ltd (Reg no: 1990/006897/30), a state owned company incorporated in terms of the company laws of the Republic of South Africa Roshland Office Park Lower Germiston Road Rosherville 011 629 4000 LetsokKW@eskom.co.za
10.1	The <i>Service Manager</i> is (name): Address	Kefentse Letsoko Roshland Office Park

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

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		Lower Germiston Road Rosherville
	Tel	+27 11 629 4000
	Fax	
	e-mail	LetsokKW@eskom.co.za
11.2(2)	The Affected Property is	Bulk Water handling
11.2(13)	The <i>service</i> is	Provision of Maintenance Services for Bulk Water Handling Plants and Sites on an “as and when required for a period of 24 months on as an when required basis
11.2(14)	The following matters will be included in the Risk Register	Standing time, Inclement weather, Strikes, and Stoppages
11.2(15)	The Service Information is in	Part 3: Scope of Work and all documents and drawings to which it makes reference.
12.2	The <i>law of the contract</i> is the law of	the Republic of South Africa
13.1	The <i>language of this contract</i> is	English
		Each instruction, certificate, submission, proposal, record, acceptance, notification, reply and other communication which this contract requires is communicated in a form which can be read, copied and recorded. Writing is in the <i>language of this contract</i> .
13.3	The <i>period for reply</i> is	<ul style="list-style-type: none"> • 3 days for instructions and communications in writing
14	The Service Manager	
14.1		The Service Manager’s acceptance of a communication from the Contractor or of the work does not change the Contractor’s responsibility to Provide the Service or his/her liability for his/her plan or his/her design
14.2		The Service Manager, after notifying the Contractor, may delegate any of his actions and may cancel any delegation. A reference to an action of the Service Manager in this contract includes an action by his/her delegate.
14.3		The Service Manager may give an instruction to the Contractor which changes the Service Information
14.4		The Employer may replace the Service Manager

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after he/she has notified the Contractor of the name of the replacement

15	Employer provides right of access and things	
15.2		The Employer provides things which he is to provide as stated in the Service Information/scope of work.
16	Early warning	
16.1		<p>The Contractor and the Service Manager give an early warning by notifying the other as soon as either becomes aware of any matter which could</p> <ul style="list-style-type: none"> • increase the total of the Prices, • interfere with the timing of the service or • impair the effectiveness of the service. <p>Note: any delay with regards to the Service rendered, should be communicated to the Service Manager to avoid penalties from being charge against the Service Provider.</p>
16.2		<p>Either the Service Manager or the Contractor may instruct the other to attend a risk reduction meeting. Each may instruct other people to attend if the other agrees.</p> <p>Note: both parties work in mutual agreement for the benefit of both parties and the project to reduce Risks</p>
16.4		<p>The Service Manager revises the Risk Register to record the decisions made at each risk reduction meeting and issues the revised Risk Register to the Contractor. If a decision needs a change to the Service Information, the Service Manager instructs the change at the same time as s/he issues the revised Risk Register.</p>
17	Ambiguities and inconsistencies	
17.1		<p>The Service Manager or the Contractor notifies the other as soon as either becomes aware of an ambiguity or inconsistency in or between the documents which are part of this contract. The Service Manager gives an instruction resolving the ambiguity or inconsistency.</p>
18	Illegal and impossible requirements	
		<p>The Contractor notifies the Service Manager as soon as he/she considers that the Service Information requires him/her to do anything which is illegal or impossible. If the Service Manager agrees, he/she gives an instruction to change the Service</p>

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Information appropriately.

NOTE:

- The Contractor only accepts instructions from the Service manager.
- Searching for defects and repairing defects on WORK completed is not a compensation event but is seen as rework
- No person executes or Instructs Work that is an Illegal act in Terms of the Law of the Country
- Instructs or execute work that is an UNSAFE act.
- Instructs or execute work that will benefit any party unlawfully.

Section 2 Section 2.06 The Contractor’s Data required by this section of the core main responsibilities clauses is also provided by the Contractor in Part 2 and terms in italics used in this section are identified elsewhere in this Contract Data

20.1		The <i>Contractor</i> Provides the Service in accordance with the Service Information/Scope of work
21.1	The <i>Contractor</i> submits a first plan for acceptance within	1 weeks of the Contract Date
21.2		<p>The <i>Contractor</i> shows on each plan which he/she submits for acceptance</p> <ul style="list-style-type: none"> • the starting date and the end of the service period, the order and timing of the work of the Employer and Others as last agreed with them by the Contractor or, if not so agreed, as stated in the Service Information, • provisions for • time risk allowances, • health and safety requirements and • the procedures set out in this contract, • the dates when, in order to Provide the Service in accordance with his/her plan, the <i>Contractor</i> will need • • access to the Affected Property as stated in the Service Information, • • acceptances, • • Plant and Materials, equipment and other things to be provided by the <i>Employer</i> and • • information from Others, <p>for each operation, a statement of how the Contractor plans to do the work identifying the principal Equipment and other resources which he plans to use and other information which the Service Information requires the Contractor to show on a plan submitted for acceptance.</p>
23		

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23.1		<p>The <i>Contractor</i> submits particulars of the design of an item of Equipment to the <i>Service Manager</i> for acceptance if the <i>Service Manager</i> instructs him/her to. A reason for not accepting is that the design of the item will not allow the <i>Contractor</i> to Provide the Service in accordance with</p> <ul style="list-style-type: none"> • • the Service Information, • • the Accepted Plan or • • the applicable law.
24	People	
24.1	Section 2.07	<p>The <i>Contractor</i> either employs each key person named to do the job stated in the Contract Data or employs a replacement person who has been accepted by the <i>Service Manager</i>. The <i>Contractor</i> submits the name, relevant qualifications, and experience of a proposed replacement person to the <i>Service Manager</i> for acceptance. A reason for not accepting the person is that his/her relevant qualifications and experience are not as good as those of the person who is to be replaced.</p>
24.2	Section 2.08	<p>The <i>Service Manager</i> may, having stated his/her reasons, instruct the <i>Contractor</i> to remove an employee. The <i>Contractor</i> then arranges that, after one day, the employee has no further connection with the work included in this contract.</p> <p>NOTE:</p> <ul style="list-style-type: none"> • Removal may include, not executing the duties as per the Service information diligently • Not reporting unsafe conditions • Being under the influence of a substance such as alcohol or drugs • Provoke violence • AWOL • Theft • Misconduct as per the Conditions of Service of the Supplier and Employer • Nonadherence to Employers Cardinal lifesaving rules <p>Section 2.09</p>
25	Section 2.10 Working with the Employer and Others	
25.1	Section 2.11	<p>The <i>Contractor</i> co-operates with Others in obtaining and providing information which they need in connection with the <i>service</i>. He co-operates with Others and shares the Affected Property with them as stated in the Service Information.</p>

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NOTE: all work is done through an Authorized method.

25.2	Section 2.12	The <i>Employer</i> and the <i>Contractor</i> provide facilities and other things as stated in the Service Information. Any cost incurred by the <i>Employer</i> as a result of the <i>Contractor</i> not providing the facilities and other things, he/she is to provide is assessed by the <i>Service Manager</i> and paid by the <i>Contractor</i> .
26	Section 2.13 Subcontracting	
26.2	Section 2.14	The <i>Contractor</i> submits the name of each proposed Subcontractor to the <i>Service Manager</i> for acceptance. A reason for not accepting the Subcontractor is that his/her appointment will not allow the <i>Contractor</i> to Provide the Service. The <i>Contractor</i> does not appoint a proposed Subcontractor until the <i>Service Manager</i> has accepted him
26.3	Section 2.15	Reasons for not accepting a Subcontractor: They will not allow the <i>Contractor</i> to Provide the Service, or They do not include a statement that the parties to the subcontract shall act in a spirit of mutual trust and co-operation.
27	Section 2.16 Other Responsibilities	
27,1	Section 2.17	The <i>Contractor</i> obtains approval from Others where necessary. <ul style="list-style-type: none"> • Overtime • Modifications • Access for work (PTW) • Excavation permits • Modifications • Change in Service Information
27,3	Section 2.18	The <i>Contractor</i> obeys an instruction which is in accordance with this contract and is given to him/her by the <i>Service Manager</i> .
27.4	Section 2.19	The <i>Contractor</i> acts in accordance with the health and safety requirements stated in the Service Information <ul style="list-style-type: none"> • Conduct monthly Safety audits as per the requirements of the Employers’ Safety department • Conform to the requirements of the Department of Labour

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- Work in accordance to OHSACT and Regulations, ACT 85 of 1993.
- Submit a clear criminal check for all the employees which is not older than 30 days
- The rules and regulations of the Employer.

3	Section 2.20 Time	Section 2.21
Section 2	Section 2.23	Section 2.24
30.1	The <i>starting date</i> is.	TBA on award
30.1	The <i>service period</i> is	24 Months
32	Instructions to stop or not to start work	

The *Service Manager* may instruct the *Contractor* to stop or not to start any work and may later instruct him/her that he may re-start or start it.

- • Due to a delay in approvals
- • Due to a fault of the Contractor
- • Etc...

Section 2	Section 2.26 Testing and defects	Section 2.27 There is no reference to Contract Data in this section of the core clauses and terms in italics used in this section are identified elsewhere in this Contract Data
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40	Section 2.28	Section 2.29
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40.3	Section 2.30	Section 2.31 The <i>Contractor</i> and the <i>Service Manager</i> each notifies the other of each of his tests and inspections before it starts and afterwards notifies the other of its results. The <i>Contractor</i> notifies the <i>Service Manager</i> in time for a test or inspection to be arranged and done before doing work which would obstruct the test or inspection. The <i>Service Manager</i> may watch any test done by the <i>Contractor</i> .
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40.4	Section 2.32	<p>If a test or inspection shows that any work has a Defect, the <i>Contractor</i> repeats the work (if possible) and the test or inspection is repeated.</p> <p>NOTE:</p> <ul style="list-style-type: none"> • A defect caused by the Contractor shall be a REWORK. • The man hours spend on a Defect caused
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by the Contractor shall not be assessed for Payment

- equipment issued to the Contractor, or brought by the Contractor, and damaged by the Contractor, shall be assessed, and paid/replaced by the Contractor

Section 2.33

40.5 **Section 2.34**

The *Service Manager* does his tests and inspections without causing unnecessary delay to the work.

- The Employer or his/her delegates does not unnecessary cause delays to the works or tests required to be done by the Contractor, in order to give approval/witness of the works.

Section 2.35

Section 2 Section 2.37 Payment

Section 2.38

50.1 The *assessment interval* is

The first assessment date is decided by the Service Manager to suit the procedures of the Parties and is not later than the *assessment interval* after the starting date. Later assessment dates occur at the end of each *assessment interval* until four weeks after the end of the *service period*.

Between the 25th and 26th day of each successive month.

50.2

The amount due is:
the Price for Services Provided to Date,
plus, other amounts to be paid to the *Contractor*,
less amounts to be paid by or retained from the *Contractor*.

- Any tax which the law requires the *Employer* to pay to the *Contractor* is included in the amount due.
- Amounts due is only for the Services provided, which includes, work done to date, and completed
- Hours worked by Contractor Employees, excluding any leave taken by the Contractor employees, including annual, sick, occasional, study, or contingency leaves, which ever the case may be.
- The Contractor provides a replacement employee for those who are not providing the Service.

50.5

The *Service Manager* corrects any wrongly assessed amount due in a later payment certificate

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- Any amounts due, discovered to be wrongly accessed will be paid to the Contractor or recovered from the Contractor in the following month, including the proportions of CPA where applicable. Interest rate is as per 51.4

51.1	The <i>currency of this contract</i> is the	South African Rand
51.2	The period within which payments are made is	4 weeks.
51.4	The <i>interest rate</i> is	the publicly quoted prime rate of interest (calculated on a 245-day year) charged by from time to time by the Standard Bank of South Africa Limited (as certified, in the event of any dispute, by any manager of such bank, whose appointment it shall not be necessary to prove) for amounts due in Rands and
6	Section 2.39 Compensation events	There is no reference to Contract Data in this section of the core clauses and terms in italics used in this section are identified elsewhere in this Contract Data
60.1	Section 2.40	The following are compensation events. Listed in Clause 60.1 (1) to (14), of the NEC3 Term Service Contract April 2013 ₃ (TSC3)
61	Section 2.41 Notifying compensation events	For all practical reasons, any Compensation event in this contract will be dealt with in the manner of issuing a Task order Instruction to the Contractor • See 61.1 to 61.7
62	Section 2.42 Quotations for compensation events	
62.1	Section 2.43	After discussing with the <i>Contractor</i> different ways of dealing with the compensation event which are practicable, the <i>Service Manager</i> may instruct the <i>Contractor</i> to submit alternative quotations. The <i>Contractor</i> submits the required quotations to the <i>Service Manager</i> and may submit quotations for other methods of dealing with the compensation event which he considers practicable. • See 62.1 to 62.5
63	Assessing compensation events	See 63.1 to 63.9

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Section 2.44

The *Service Manager’s* assessments
Section 2.45 See 64.1 to 64.3

Implementing compensation events
Section 2.46 See 65.1 to 65.2

Section 2 **Section 2.48 Use of Equipment Plant and Materials** **Section 2.49** There is no reference to Contract Data in this section of the core clauses and terms in italics used in this section are identified elsewhere in this Contract Data

Section 2 **Section 2.51**
 0.1 Section 2.52 The *Contractor* has the right to use equipment, Plant and Materials provided by the *Employer* only to Provide the Service.

Section 2 **Section 2.54**
 0.2 At the end of the *service period* the *Contractor*

- returns to the *Employer*, equipment and surplus Plant and Materials provided by the *Employer*,
- provides items of Equipment for the *Employer’s* use as stated in the Service Information and
- provides information and other things as stated in the Service Information.

Note:
Section 2.55 The *Contractor* may not remove any items, equipment related to the Service that has been paid for by the *Employer*, at any stage of the Contract term.

Section 2 **Section 2.57 Risks and insurance** **Section 2.58**

80.1	These are additional <i>Employer’s</i> risks	Local Communities Late payments
83.1	The <i>Employer</i> provides these insurances from the Insurance Table	as stated for “Format TSC3” available on http://www.eskom.co.za/Tenders/InsurancePolicies/Procedures/Pages/EIMS_Policies_From_1_April_2014_To_31_March_2015.aspx (See Annexure A for basic guidance).
83.1	The <i>Employer</i> provides these additional insurances	as stated for “Format TSC3” available on http://www.eskom.co.za/Tenders/InsurancePolicies/Procedures/Pages/EIMS_Policies_From_1_April_2014_To_31_March_2015.aspx (See Annexure A for basic guidance)
83.1	The <i>Contractor</i> provides these additional insurances:	Any other insurance that the contractor deems necessary in addition to that provided by the employer.

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83.1	The minimum amount of cover for insurance against loss and damage caused by the <i>Contractor</i> to the <i>Employer's</i> property is	the amount of the deductibles relevant to the event described in the “Format TSC3” insurance policy available on http://www.eskom.co.za/Tenders/InsurancePolicies/Procedures/Pages/EIMS_Policies_From_1_April_2014_To_31_March_2015.aspx
83.1	The insurance against loss of or damage to the <i>works</i> , Plant and Materials is to include cover for Plant and Materials provided by the <i>Employer</i> for an amount of	None
83.1	The minimum amount of cover for insurance in respect of loss of or damage to property (except the <i>Employer's</i> property, Plant and Materials and Equipment) and liability for bodily injury to or death of a person (not an employee of the <i>Contractor</i>) arising from or in connection with the <i>Contractor's</i> Providing the Service for any one event is:	Any amount that the <i>Contractor</i> deems necessary in addition to that provided by the <i>Employer</i>.
83.1	The minimum limit of indemnity for insurance in respect of death of or bodily injury to employees of the <i>Contractor</i> arising out of and in the course of their employment in connection with this contract for any one event 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)..
Section 2.60 Termination		There is no reference to Contract Data in this section of the core clauses and terms in italics used in this section are identified elsewhere in this Contract Data.
Section 2.62 Termination .0		Subclauses 90.1 to 90.5 applies
Section 2.64 Reasons for Termination 1		Subclause 91.1 to 91.7 applies
Section 2.66		<p>Notwithstanding the delay damages indicated in X7, the Employer may terminate this contract agreement due to the following:</p> <ol style="list-style-type: none"> 1. Failure by the <i>Contractor</i> to mobilise resources as stated in the task order within 30 days after receipt of the task order. 2. Termination of the main contract agreement that the Employer has with its client, for any reason under the scope that is executed by the tenderer/contractor. Such termination will be applied as back-to-back contract condition to this agreement.
Section 2.68 Procedures		on Subclauses 92.1 to 92.2 applies

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2 termination

Section 2.70 Payment on Subclauses 93.1 to 93.2 applies
3 Termination

Section 2.72 Data for main Section 2.73
0 Option clause

A Priced contract with price list

20.5 The *Contractor* prepares forecasts of the final total of the Prices for the whole of the *service* at intervals no longer than **4 weeks.**

Section 2.75 Data for Option W1
1

W1.1 The *Adjudicator* **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 **[•]**

W1.2(3) The *Adjudicator nominating body* is: **the Chairman of ICE-SA a joint Division of the South African Institution of Civil Engineering and the Institution of Civil Engineers (London) (see www.ice-sa.org.za) or its successor body.**
An Adjudicator will be appointed between the Contractor and the Employer should a dispute arises.
The costs that the Adjudicator charge will be divided between both Parties at 50% for each parties account.

W1.4(2) The *tribunal* is: **Arbitration**

W1.4(5) The *arbitration procedure* 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 **Johannesburg, South Africa**

The person or organisation who will choose an arbitrator
- if the Parties cannot agree a choice or **The Chairman for the time being or his nominee**

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- if the arbitration procedure does not state who selects an arbitrator, is **of the Association of Arbitrators (Southern Africa) or its successor body.**

Section 2 Section 2.77 Data for secondary Option clauses Section 2.78

X1	Price adjustment for inflation	Base date – Month that the tender will be closing		
X1.1	The <i>base date</i> for indices is	Closing date of tender submission		
		Proportion	Linked to index for	
		0,75	Labour (SEIFSA C3(a))	
		0,1	P&G (CPI)	
		0,15	Non Adjustable	
	The correct proportions will be determined on award based on the prices received			
X2	Changes in the law	There is no reference to Contract Data in this Option and terms in italics are identified elsewhere in this Contract Data.		
X3	Multiple currencies	Not Applicable		
X3.1	The <i>Employer</i> will pay for these items or activities in the currencies stated	Only South African Rands to be used for the contract Items & activities	Other currency	Maximum payment in other currency
		[•]		
		[•]		
		[•]		
		[•]		
X3.1	The <i>exchange rates</i> are those published in	Not applicable		
		The items & activities will be paid in the other currency		
		- to a foreign Bank account nominated by the Contractor		
		- to a valid SARB approved CFC account in South Africa		
		- In accordance with an alternative payment method agreed with the <i>Employer</i> before the Contract Date.		
		(select one of the three methods as agreed with the successful tenderer prior to contract award and delete the others and this note)		
X4	Parent company guarantee	Not Applicable		

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X7	Delay Damages	1% deductible per day after 1 day delay , capped at 10%.
X12	Partnering	Not Applicable
X12.1(1)	The <i>Client</i> is (Name):	[•]
	Address	[•]
	Contact details	[•]
	Telephone:	[•]
	Fax	[•]
	e-mail	[•]
X12.1(4)	The Partnering Information is in	Part 3 Scope of Work, section C3. [•]
X12.2(1)	The <i>Client's objective</i> is:	[•]
X13	Performance bond	Not applicable
X13.1	The amount of the performance bond is	R [•]
X17	Low service damages	The penalty of 5% of task order value will be deducted should the contractor fail to meet any of the KPI as stated in page 51 of this document
X17.1	The <i>service level table</i> is in	Page 51 of this document
X18	Limitation of liability	
X18.1	The <i>Contractor's</i> liability to the <i>Employer</i> for indirect or consequential loss is limited to	R0.0 (zero Rand)
X18.2	For any one event, the <i>Contractor's</i> liability to the <i>Employer</i> for loss of or damage to the <i>Employer's</i> property is limited to	the amount of the deductibles relevant to the event described in the “Format TSC3” insurance policy available on http://www.eskom.co.za/Tenders/InsurancePoliciesProcedures/Pages/EIMS_Policies_From_1_April_2014_To_31_March_2015.aspx
X18.3	The <i>Contractor's</i> liability for Defects due to his design of an item of Equipment is limited to	The greater of <ul style="list-style-type: none"> • the total of the Prices at the Contract Date and • the amounts excluded and unrecoverable from the <i>Employer's</i> insurance (other than the resulting physical damage to the <i>Employer's</i> property which is not excluded) plus the applicable deductibles in the <i>Employer's</i> assets and works / maintenance policies available on http://www.eskom.co.za/Tenders/InsurancePoliciesProcedures/Pages/EIMS_Policies_From_1_April_2014_To_31_March_2015.aspx

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<p>X18.4</p>	<p>The <i>Contractor's</i> total liability to the <i>Employer</i>, for all matters arising under or in connection with this contract, other than the excluded matters, is limited to</p>	<p>The total of the Prices other than for the additional excluded matters.</p> <p>The <i>Contractor's</i> total liability for the additional excluded matters is not limited.</p> <p>The additional excluded matters are amounts for which the <i>Contractor</i> is liable under this contract for</p> <ul style="list-style-type: none"> • Defects due to his design, plan and specification, • Defects due to manufacture and fabrication outside the Affected Property, • Loss of or damage to property (other than the <i>Employer's</i> property, Plant and Materials), • Death of or injury to a person and • Infringement of an intellectual property right.
<p>X18.5</p>	<p>The <i>end of liability date</i> is</p>	<p>12 months after the service period/contract end date.</p>
<p>X19</p>	<p>Task Order</p>	
<p>X19.1(2)</p>	<p>A Task Order is the <i>Service Manager's</i> instruction to carry out a Task</p>	
<p>19.2</p>	<p>A Task Order includes</p> <ul style="list-style-type: none"> • a detailed description of the work in the Task, • a priced list of items of work in the Task in which items taken from the Price List are identified, • the starting and completion dates for the Task, • the amount of delay damages for the late completion of the Task and • the total of the Prices for the Task when Option A or C is used or the forecast total of the Prices for the Task if Option E is used. <p>The <i>Service Manager</i> consults the <i>Contractor</i> about the contents of a Task Order before he issues it.</p> <p>When a Task Order is issued</p> <ul style="list-style-type: none"> • the priced list of items for the Task is inserted in the Price List, and • the work involved is added to the Service Information. <p>An instruction to carry out a Task is not a compensation event.</p>	
<p>X19.5</p>	<p>The <i>Contractor</i> submits a Task Order</p>	

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	programme to the <i>Service Manager</i> within 2 days of receiving the Task Order
X20	Key Performance Indicators (not used when Option X12 applies)
X20.1	The <i>incentive schedule</i> for Key Performance Indicators is in Not Applicable
X20.2	A report of performance against each Key Performance Indicator is provided at intervals of Monthly
Z	The <i>additional conditions of contract</i> are Z1 to Z11 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.

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

- Z3.1 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.
- Z3.2 The *Contractor* is required to submit an updated verification certificate and necessary supporting documentation confirming the change in his B-BBEE status to the *Service Manager* within thirty days of the notification or as otherwise instructed by the *Service Manager*.
- Z3.3 Where, as a result, the *Contractor’s* B-BBEE status has decreased since the Contract Date the *Employer* may either re-negotiate this contract or alternatively, terminate the *Contractor’s* obligation to Provide the Service.
- Z3.4 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 P1, P2 and P4 as stated in clause 92, and the amount due is A1 and A3 as stated in clause 93.

Z4 Ethics

- Z4.1 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 Contractor 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

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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 Contractor, 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.

- Z4.2 A Committing Party may not take any Prohibited Action during the course of the procurement of this contract or in execution thereof.
- Z4.3 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.
- Z4.4 If the Employer terminates the Contractor's obligation to Provide the Service for this reason, the procedures and amounts due on termination are respectively P1, P2, P3 and P4, and A1 and A3
- Z4.5 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.

Z5 Confidentiality

- Z5.1 The *Contractor* does not disclose or make any information arising from or in connection with this contract available to Others. This undertaking does not, however, apply to information which at the time of disclosure or thereafter, without default on the part of the *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 in terms of clause 25.1, the *Contractor* ensures that the provisions of this clause are complied with by the recipient.
- Z5.2 If the *Contractor* is uncertain about whether any such information is confidential, it is to be regarded as such until notified otherwise by the *Service Manager*.
- Z5.3 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,

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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.

- Z5.4 The taking of images (whether photographs, video footage or otherwise) of the Affected 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 *Service Manager*. All rights in and to all such images vests exclusively in the *Employer*.
- Z5.5 The *Contractor* ensures that all his subcontractors abide by the undertakings in this clause.

Z6 Waiver and estoppel: Add to core clause 12.3:

- Z6.1 Any extension, concession, waiver or relaxation of any action stated in this contract by the Parties, the *Service Manager* or the *Adjudicator* does not constitute a waiver of rights, and does not give rise to an estoppel unless the Parties agree otherwise and confirm such agreement in writing.

Z7 Health, safety and the environment: Add to core clause 27.4

- Z7.1 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*:
- accepts that the *Employer* may appoint him as the “Principal Contractor” (as defined and provided for under the Construction Regulations 2014 (promulgated under the Occupational Health & Safety Act 85 of 1993) (“the Construction Regulations”) for the Affected Property;
 - 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 the *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.
- Z7.2 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.

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

- Z8.1 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 in accordance with the *Employer’s* procedures stated in the Service Information, showing the amount due for payment equal to that stated in the payment certificate.
- Z8.2 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 core clause 51.2 is then calculated from the delayed date by when payment is to be made.

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Z8.3 The *Contractor* (if registered in South Africa in terms of the companies Act) is required to comply with the requirements of the Value Added Tax Act, no 89 of 1991 (as amended) and to include the *Employer’s* VAT number 4330196330 on each invoice he submits for payment.

Z9 Notifying compensation events

Z9.1 Delete the last paragraph of core clause 61.3 and replace with:

If the *Contractor* does not notify a compensation event within eight weeks of becoming aware of the event, he is not entitled to a change in the Prices.

Z10 *Employer’s* limitation of liability

Z10.1 The *Employer’s* liability to the *Contractor* for the *Contractor’s* indirect or consequential loss is limited to R0.00 (zero Rand)

Z10.2 The *Contractor’s* entitlement under the indemnity in 82.1 is provided for in 60.1(12) and the *Employer’s* liability under the indemnity is limited to compensation as provided for in core clause 63 and X19.11 if Option X19 Task Order applies to this contract.

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

Z11.1 Or had a business rescue order granted against it.

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Article III. 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 TSC3 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” type policy which may be in place for the *Employer's* portion of the Affected Property concerned or against the *Employer's* assets policy which may be in place for the *Employer's* portion of the Affected Property concerned, 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 Affected Property and the nature of the insurable event.
3. The *Contractor* is required in terms of Contract Data for clause 83 to provide cover for the deductibles in the insurance provided by the *Employer*. This can be provided from his 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 TSC3**’ 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 or as intended by each of the listed insurances in the left hand column of the Insurance Table in clause 83.2. In terms of clause 83.1 “the *Contractor* provides the insurances stated in the Insurance Table except any insurance which the *Employer* is to provide”. 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. 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

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C1.2 Contract Data

Article IV. Part two - Data provided by the *Contractor*

Notes to a tendering contractor:

1. Please read both the both the NEC3 Term Service Contract April 2013 and the relevant parts of its Guidance Notes (TSC3-GN)³ in order to understand the implications of this Data which the tenderer is required to complete.
2. The number of the clause which requires the data is shown in the left hand column for each statement however other clauses may also use the same data.
3. Where a form field like this [] appears, data is required to be inserted relevant to the option selected. Click on the form field **once** and type in the data. Otherwise complete by hand and in ink.

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

Section 4.01 Clause	Section 4.02 Statement	Section 4.03 Data
10.1	The <i>Contractor</i> is (Name): Address Tel No. Fax No.	
11.2(8)	The <i>direct fee percentage</i> is	%
	The <i>subcontracted fee percentage</i> is	%
11.2(14)	The following matters will be included in the Risk Register	
11.2(15)	The Service Information for the <i>Contractor's</i> plan is in:	
21.1	The plan identified in the Contract Data is contained in:	
24.1	The key people are: 1 Name: Job: Responsibilities: Qualifications: Experience: 2 Name:	

³ Available from Engineering Contract Strategies Tel 011 803 3008 Fax 086 5391902 or www.ecs.co.za

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Job

Responsibilities:

Qualifications:

Experience:

CV's (and further key person's data including CVs) are in _____ .

A	Priced contract with price list
11.2(12)	The <i>price list</i> is in _____
11.2(19)	The tendered total of the Prices is R _____

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PART 2: PRICING DATA

TSC3 Option A

Document reference	Title	No of pages
C2.1	Pricing assumptions: Option A	30-31 (2 pages)
C2.2	The <i>price list</i>	32—34 (3 pages)

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C2.1 pricing assumptions: Option A

Article V. How work is priced and assessed for payment

Clause 11 in NEC3 Term Service Contract (TSC3) core clauses and Option a states:

Identified and defined terms	11	
	11.2	(12) The Price List is the <i>price list</i> unless later changed in accordance with this contract.
		(17) The Price for Services Provided to Date is the total of
		<ul style="list-style-type: none">• The Price for each lump sum item in the Price List which the <i>Contractor</i> has completed and• Where a quantity is stated for an item in the Price List, an amount calculated by multiplying the quantity which the <i>Contractor</i> has completed by the rate.• A CPA on labour rates will apply when the for the second and third year
		(19) The Prices are the amounts stated in the Price column of the Price List. Where a quantity is stated for an item in the Price List, the Price is calculated by multiplying the quantity by the rate.

This confirms that Option A is a priced contract where the Prices are derived from a list of items of service which can be priced as lump sums or as expected quantities of service multiplied by a rate or a mix of both.

Article VI. Function of the Price List

Clause 54.1 in Option A states: “Information in the Price List is not Service Information”. This confirms that instructions to do work or how it is to be done are not included in the Price List but in the Service Information. This is further confirmed by Clause 20.1 which states, “The *Contractor* Provides the Service in accordance with the Service Information”. Hence the *Contractor* does **not** provide the Service in accordance with the Price List. The Price List is only a pricing document.

Article VII. Link to the *Contractor’s* plan

Clause 21.4 states “The *Contractor* provides information which shows how each item description on the Price List relates to the operations on each plan which he submits for acceptance”. Hence when compiling the *price list*, the tendering contractor needs to develop his first clause 21.2 plan in such a way that operations shown on it can be priced in the *price list* and result in a satisfactory cash flow in terms of clause 11.2(17).

Article VIII. Preparing the *price list*

Before preparing the *price list*, both the *Employer* and tendering contractors should read the TSC3 Guidance Notes pages 14 and 15. In an Option A contract, either Party may have entered items into the *price list* either as a process of offer and acceptance (tendering) or by negotiation depending on the nature of the *service* to be provided. Alternatively the *Employer*, in his Instructions to Tenderers or in a Tender Schedule, may have listed some items that he requires the *Contractor* to include in the *price list* to be prepared and priced by him.

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It is assumed that in preparing or finalising the *price list* the *Contractor*:

- Has taken account of the guidance given in the TSC3 Guidance Notes relevant to Option A;
- Understands the function of the Price List and how work is priced and paid for;
- Is aware of the need to link operations shown in his plan to items shown in the Price List;
- Has listed and priced items in the *price list* which are inclusive of everything necessary and incidental to Providing the Service in accordance with the Service Information, as it was at the time of tender, as well as correct any Defects not caused by an *Employer's* risk;
- Has priced work he decides not to show as a separate item within the Prices or rates of other listed items in order to fulfil the obligation to complete the *service* for the tendered total of the Prices.
- Understands there is no adjustment to items priced as lump sums if the amount, or quantity, of work within that item later turns out to be different to that which the *Contractor* estimated at time of tender. The only basis for a change to the (lump sum) Prices is as a result of a compensation event.

NOTE:

- **Eskom Rotek Industries is affiliated with various statutory bodies such as the MEIBC. Resources employed or contracted to execute work directly or indirectly as the case may be remunerated in accordance with the MEIBC rates. As such, it will be assumed that *Contractors*, *Service Providers*, *Subcontractors*, etc have taken this into account and have done the necessary due diligence to ensure stability on all ERI sites and operations as far as reasonably possible.**
-

Format of the *price list*

(From the example given in an Appendix within the TSC3 Guidance Notes)

Entries in the first four columns in the *price list* in section C2.2 are made either by the *Employer* or the tendering contractor.

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 tendering contractor 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 an item of work which is the rate for the work multiplied by the quantity completed, the tendering contractor enters the rate which is then multiplied by the Expected Quantity to produce the Price, which is also entered.

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.

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C2.2 the price list

A1	P&Gs	Unit of measure	QTY	Number	Rate	Period	TOTAL 24 MONTHS	
A1.1	Site Establishment	Sum	1	1		1		
A1.2	Transport (14 Seater)	Month	1	2		24		
A1.3	Double cab Bakkie	Month	1	2		24		
A1.4	Safety Training	Annual	1	27		3		
A1.5	Annual Medical + Exit Medical	Annual	1	28		4		
A1.6	PPE	Annual	1	28		3		
A1.7	Winter Jackets	2 Yearly	1	28		2		
A1.8	Rain Coats	Annual	1	28		3		
A1.9	Standby Allowance	Days	14	27		24		
A1.10	Cellphone Allowances	Monthly	1	3		24		
A1.11	Other allowances (RP)	Month	1	6		24		
A1.12	Site De-establishment (once-off)	Sum	1	1		1		
		SUB-TOTAL EXCLUDING VAT (A1)						

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B1	SKILL TYPE	Unit of measure	QTY	Number of people	Rate	Period	TOTAL 24 MONTHS	
B1.1	Senior Supervisor Technical	Hours	173	2		24		
B1.2	Senior Supervisor Overtime @1.5	Hours	20	2		24		
B1.3	Senior Supervisor Overtime @2,0	Hours	20	2		24		
B1.4	Safety officer	Hours	173	1		24		
B1.5	Safety officer Overtime @ 1,5	Hours	20	1		24		
B1.6	Safety officer Overtime @ 2.0	Hours	20	1		24		
B1.7	Electrician Artisan	Hours	173	2		24		
B1.8	Electrician Artisan overtime @ 1.5	Hours	20	2		24		
B1.9	Electrician Artisan overtime @ 2.0	Hours	20	2		24		
B1.10	Fitter Artisan	Hours	173	2		24		
B1.11	Fitter Artisan overtime @ 1.5	Hours	20	2		24		
B1.12	Fitter Artisan overtime @ 2.0	Hours	20	2		24		
B1.13	Team Leader	Hours	173	2		24		
B1.14	Team Leader Overtime @ 1.5	Hours	20	2		24		
B1.15	Team Leader Overtime @ 2.0	Hours	20	2		24		
B1.16	Administrator	Hours	173	1		24		
B1.17	Utility man	Hours	173	9		24		
B1.18	Utility man Overtime@1.5	Hours	20	9		24		
B1.19	Utility man Overtime@2.0	Hours	20	9		24		
B1.20	General Worker	Hours	173	9		24		
B1.21	General Worker Overtime@1.5	Hours	20	9		24		
B1.22	General Worker Overtime@2.0	Hours	20	9		24		
		SUB-TOTAL EXCLUDING VAT (B1)						
		TOTAL EXCLUDING VAT (A1 + B1)						

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Note

- All tools required to execute the scope will be supplied by the Contractor
- The following facilities will be supplied by the Employer: Water and Electricity; Lighting and Ventilation
- Contractor to supply their own furniture and storage lockers
- RP allowance must be paid in line with what ERI is paying . The rate is as provided and will be escalated based on how ERI escalates theirs.
- Training will be listed as part of SOW.

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PART 3: SCOPE OF WORK

Document reference	Title	No of pages
C3.1 C3.2	This cover page <i>Employer’s Service Information</i> <i>Contractor’s Service Information</i>	1 24-47 (12pages)
	Total number of pages	

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C3.1: EMPLOYER’S SERVICE INFORMATION

1 Description of the service

1.1 Employer’s requirements for the service

Introduction

Eskom Rotek Industries (ERI), Bulk Material Services (BMS), Bulk Water Handling (BWH) has an Care and Maintenance contract with Eskom Primary Energy Division (PED) and with Eskom Generation Peaking. The areas of responsibility covered under these contracts is the Komati Water Scheme (KWS), Ingula Pumped Storage Scheme (IPSS) and Kilbarchan Colliery.

Purpose

The purpose is to preserve the status and the plant availability and reliability through good maintenance practices and maintaining good housekeeping standards.

Applicability

This document shall apply to the site with attached addendum.

This document shall be effective from the authorisation date.

The stations where the services are required are

Site	Operation
Kilbarchan	Environmental Care Maintenance
Ingula Pumped Storage Scheme	Electrical and Mechanical Maintenance
Komati Water Scheme	Electrical, Civil, Control and Instrumentation and Mechanical Maintenance

Normative/Informative References

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs and additional site-specific ones.

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Normative

1. ISO 9001 Quality Management Systems
2. ISO 14001 Environmental Management System
3. OSHAS 45001 Safety Management Systems
4. Fencing Act 31 of 1963
5. Occupational Health and Safety Act and Regulations (85 of 1993)
6. Environmental Conservation Act 73 of 1989 as well as Reg. 1182 and 1183
7. Conservation of Agricultural Resources Act 43 of 1983
8. National Veld and Forest Fire Act 101 of 1998
9. Relevant Municipal By-Laws
10. National Heritage Resources Act 25 of 1999
11. National Environmental Management Biodiversity Act 10 of 2004
12. 24-681_Generation Plant Safety Regulation
13. 240-62196227_Eskom Life Saving Rules
14. 32-95_Environmental, Occupational Health and safety Incident Management Procedure

Informative

1. Criminal Procedures Act 51 of 1977
2. National Road Traffic Act 93 of 1996
3. Labour Relations Act 66 of 1995
4. Basic Conditions of Employment Act 75 of 1997
5. Water use Licence Agreement

Definitions

Description	Definition
Appointed Contractor	Means a contractor appointed by the principal contractor.
Appointed Person	A person who has been authorised in terms of 24-681_Generation Plant Safety Regulation to: (i) Determining appropriate and effective isolations for the anticipated work to be carried out safely. (ii) Ensuring that the isolation and de-isolation on the plant covered by a permit to work is effectively

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	carried out taking health and safety precautions into account. (iii) Issuing of prepared permits once all the associated test certificates are available and the required risk assessments have been presented to the appointed person by the responsible person for review in terms of these regulations.
Baseline Risk Assessment	(32-520) baseline operational risks refer to the health and safety risks associated with all standard processes and routine activities in the business
Cleaning Activity	Means the safe cleaning of transfer chutes from the outside by the disabling of mechanisms to inhibit starting of the plant during the cleaning process, which is done in accordance with formulated safe procedures.
Contractor (includes appointed contractor)	means an employer as defined in section 1 of the Act who performs contract work and includes principal contractors
Competent Person	(OHS Act) means any person having knowledge, training, experience, and qualifications, specific to work or task being performed, provided that, where appropriate, qualifications and training are registered in terms of the South African Qualifications Authority Act, 1995 (Act No. 58 of 1995).
Danger/Dangerous	Means a condition/substance that constitutes a risk of personal injury, impairment of health, or death
Employee	(OHS Act) means, subject to the provisions of subsection (2), any person who is employed by or works for an employer and who receives remuneration or who works under the direction or supervision of an employer or any other person.
Employer	(OHS Act) means, subject to the provisions of subsection (2), any person who employs or provides work for any person and remunerates that person or expressly or tacitly undertakes to remunerate him/her, but excludes TES (ex. labour broker) as defined in section 1(1) of the Labour Relations Act.
Field / Plant Operator	Employee designated to conduct routine Plant inspections, Preventative Maintenance (PM) and (report) defect any breakdowns or abnormal Plant conditions
Lifesaving Rules	(240-62196227) a rule that, if not adhered to, has the potential to cause serious harm to people.
Permit To Work	Means the printed form containing sections entitled application, permits to

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	work, suspension, suspension revocation, clearance and revocation, and used for the authorisation of all work to be carried out on the plant in terms of these regulations.
Plant	Means structure, machinery, low voltage electrical equipment or equipment, which does not fall within the scope of the Operating Regulations for High-voltage Systems, and excludes, mobile, portable lifting equipment, domestic circuits, appliances and tools.
Responsible Person	Means a person who has been authorised in terms of these regulations to be responsible for ensuring that the work on the plant covered by a permit to work can be carried out and executed taking health and safety precautions into account and within the terms of 24-681_Generation Plant Safety Regulation
Safe/Safely/Safety	Means a condition not posing any danger, an activity that can be carried out without danger, or protection against danger.
Shall and Should	The word “shall” is to be understood as mandatory and “should” as recommended.
Skilled Person	Means a person who has been trained, has adequate knowledge for the task at hand and declared competent in writing.
Supervision/Supervise	Means to oversee the actions of a person(s) to such an extent as to prevent any dangerous act, as far as reasonably practicable. Such a supervisor must be trained in risk assessment techniques and be able to understand the dangers / hazards associated with the task and who has the authority to ensure that precautionary measures taken are implemented.
Visitor	Any person visiting a workplace with the knowledge of, or under the supervision of, an employer.

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Abbreviations

Abbreviation	Explanation
RA	Risk Assessment
AP	Appointed Person
KWS	Komati Water Scheme
LAR	Limited Access Register
ERI	Eskom Rotek Industries
OHSACT	Occupational Health And Safety Act
OEM	Original Equipment Manufacturer
RP	Responsible Person
PPE	Personal Protective Equipment
PTW	Permit To Work
H&S Rep	Health and Safety Representative
RA	Risk Assessment
PED	Primary Energy Division
WUL	Water use Licence

Supporting Clauses

Scope (Water Scheme)

The scope of work is the provision Maintenance Services of Bulk Water Handling Plant and Sites on an “as and when required basis” for the duration of 24 months at various Eskom Rotek Industries (ERI) Bulk Material Services (BMS) sites.

Sites generic scope

- The scope of work will include all Bulk Water Handling Plant at various ERI BMS sites.

Provision of Maintenance Services for Bulk Water Handling Plants and Sites on an “as and when required for a period of 24 months on as an when required basis**Water Scheme Plant Maintenance and Sites**

- Provide Responsible Persons as per the Permit to Work System on all shifts on a 24-hour basis
- Provide seasoned skilled persons to maintain the electrical, civil, mechanical and control & instrumentation plants on a 24-hour basis.
- Provide seasoned skilled persons to adhere to maintenance activities as required by the various Acts and By-Laws. This includes removing of alien/invasive plants, cutting grass, taking water samples and closing of mine dump hot spots.
- Provide seasoned skilled persons to perform and adhere to all activities as stipulated in the Water use Licencing (WUL) agreements for various Sites.
- Provide seasoned skilled persons to correct civil defects that might occur on the surface structures and office areas.
- This service delivery will include all maintenance personnel, tools, equipment, site infrastructure and heavy machinery required to perform the task.
- Maintenance will be a full maintenance of the Water Scheme plants, 24 hours a day, based upon a normal shift cycle.
- The development of maintenance and safe working procedures will be a joint venture between Generation Primary Energy (Water) and ERI
- The maintenance work includes, electrical, mechanical and Instrumentation and Control, preventative maintenance, breakdown maintenance, corrective maintenance.
- Investigate plant failures within the Water Scheme plants.
- Provide recommendations to improve the Water Scheme plants performance

Electrical Maintenance

- Ensure that all quality control plans are in place for all activities as per Eskom quality procedures
- Responsible for all electrical maintenance on the station and its associated plant. The following areas are included in the works:
- All routine maintenance on transformers and all transformer auxiliaries will be maintained according to the Employer's procedures.
- All routine, outage and opportunity maintenance, testing, fault finding and repairs to all 6.6kV and 3.3kV boards. This includes the following: Breaker testing, Breaker pressure testing, Breaker under-voltage close and trip testing, Routine and breakdown maintenance on breaker mechanism Busbar and busbar link maintenance, Control and indication of breakers

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- All routine, outage and opportunity maintenance, testing, fault finding and repairs to all 380V boards feeding from the station’s reticulation system. This includes the following: Clean and check of breakers during outages; all breakdown maintenance on 380V boards; 380V Incomer maintenance Busbar maintenance; Volt and Ammeter check and replacements; Repairs as a result of all abnormal incidents on this system will be performed as part of the works.
- All routine, outage and opportunity maintenance, testing, fault finding and repairs to all DC boards. This includes the following: Clean and checking of busbars; Indication; Volt and Ammeter check and replacements; Locating of DC earth faults & DC earth relay maintenance
- All routine, outage and opportunity maintenance, and cleaning on the 15.75kV breaker, earth switch and breaker auxiliaries.
- All routine, outage and opportunity maintenance, fault finding, testing and repairs on all the 380VAC, 220VAC and 220VDC Motors. Disconnection and reconnection of motors; Direction testing of motor & Testing of motors
- All routine, outage and opportunity maintenance, fault finding, testing and repairs on all the 3.3kV and 6.6kV motors (Disconnection and reconnection of motors Direction testing of motors
- All Electrical Actuators and Solenoids will be responsible for disconnection and reconnection testing
- All routine, outage and opportunity maintenance, fault finding, testing and repairs on the diesel generators and associated equipment. Work will be carried out according to the Employer’s procedure NWS1562.
- Undertake all outage and opportunity maintenance, fault finding, testing and repairs on the station electrical reticulation. All electrical reticulation related tasks on the 6.6kV, 3.3kV, 380VAC, 220VAC, 220VDC and 24VDC systems
- Undertake all maintenance, testing, repairs, modifications and fault finding on the 220VAC single phase electrical circuit. This shall exclude all offices and buildings that falls outside the units (None Eskom Buildings). Distribution board maintenance and repairs, 220VAC cabling maintenance, replacements and repairs, 220VAC outlet maintenance, replacements and repairs, Issuing of Certificates of Compliance (CoC), changes to the existing system, repairs to the existing system, earth leakage testing, safety inspections to portable electrical equipment and testing of portable electrical equipment on request
- Undertake all general fault finding and repairs on switchgear, motors, transformers, generators, excitation system, generator auxiliaries, DC system and cables.
- Undertake all routine, outage and opportunity maintenance, testing, fault finding and repairs on all lighting circuits and lights.
- All new electrical installations or changes to the existing electrical system on the Station’s 24VDC, 220VAC, 220VDC and 380VAC electrical system. Modification process must be followed.
- Carry out Transformer Rectifier Units inspections
- Carry out Battery testing regularly
- Maintain building and perimeter fence lights
- Work stand-by and overtime

Provision of Maintenance Services for Bulk Water Handling Plants and Sites on an “as and when required for a period of 24 months on as an when required basis

- Carry out housekeeping

3.1.2.2. Mechanical Maintenance

- Carry out routine maintenance as per the set preventative maintenance and corrective maintenance.
- Carry out repairs of pipelines
- Removal, repair and replacing of bearings
- Refurbish multi-stage Sulzer pumps
- Inspections and repairs on stations’ pump/motor lubrication oil systems
- Scrapping of white metal bearings
- Check bearing oil levels
- Replace and/or pull pump glands
- Work stand-by and overtime
- Carry out housekeeping

3.1.2.3. Civil Maintenance

- Carry out repairs on all KWS servitude roads
- Do vegetation management
- Carry out building repairs i.e. walls, ceiling, floors, plumber systems, etc
- Carry out repairs on reservoirs i.e. cleaning
- Work stand-by and overtime
- Carry out housekeeping
- Cleaning of offices, rest rooms, pump stations and workshops.
- Operate tractor, zero turn machine, grass trimmer
- Cut trees
- Removal of alien/invasive species

PERFORMANCE SPECIFICATION

- The employees must be in a mental and physical healthy condition to be able to work an average of 8 hours per shift for the maintenance department.

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- Working of overtime as per operational requirements when needed.
- Employees must be medically fit.
 - Minimum educational requirement for **Senior Technical Supervisor** is a **Fitter/Electrician/boilermaker trade test plus a National N Diploma and or National Diploma Mechanical/Electrical Engineering** with a minimum of 5 years of work experience in maintenance of a power/ water scheme plant.
 - Minimum educational requirements for a **Mechanical Technician** is a **National Diploma in Mechanical Engineering** with a minimum of 2 years' experience in maintenance of a power/ water scheme plant
 - Minimum educational requirements for a **SHE Officer** is a **National Diploma- Safety management or Environmental/Health with 3 years or more experience in safety; occupational health, Environmental field and quality**
- Minimum educational requirement for **Fitter Artisan** is a **Fitter trade test** with a minimum of 2 years of work experience in maintenance of a power/ water scheme plant.
- Minimum educational requirement for **Boiler maker/Welder Artisan** is a **Boiler Maker/Welder trade test** with a minimum of 2 years of work experience in maintenance of a power/ water scheme plant.
- Minimum educational requirements for a **Utility man** is a Grade 12 with a minimum of a year experience in a power/water/Civil plant.
 - Minimum educational requirements for an Administrator is Grade 12 with an Office Administration Certificate and a 2 or more years related experience.

Working Times/Allowances

- The work hours will be on normal day shift basis depending on each site shift roster
- Safety officers and Technicians will work normal day shift and standby.
- Site Manager will work normal day shift and be available to resolve site issues after hours and during weekends.
- The maximum number of hours to be paid per month is 176hrs on a basic rate of pay
- A shift allowance of 15% of the basic rate of pay
- Cell phone allowance need to be paid to key personnel.
- Overtime shall be paid in accordance with the current directive that is capped at 64hrs per month
- The supplier must provide a cover in case someone is on leave at their own cost

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- Employees to be available to work standby.

Roles and Responsibilities**Site Manager**

- Overseeing all site activities
- Organising and mobilising of resources
- Communication with the client
- Issuing instructions to supervisors and other team members
- Conducting of BBSO
- Managing spares availability
- Ensuring that all safety processes are adhered to
- Ensuring that work execution is done to the acceptable quality standards
- Documentation of all activities
- Submitting required reports to the employer
- Financial management
- Scope management
- Time management

Supervisor Technical

- Conduct planning of activities for all teams (deploy resources as necessitated by business needs)
- Routine plant visit/walk to area of responsibility
- Ensure that all plant repairs are conducted qualitatively.
- Provide on job training to subordinates.
- Co-ordinate Maintenance of plant in accordance with laid down procedures and instructions.
- Co-ordinate permit to work process within section.
- Ensure all duties are carried out as per instruction.
- Ensure good housekeeping in area of responsibility.

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- Ensure that plant inspections are done as per the planned maintenance orders and feedback given to the planning section to generate follow up work.
- Ensure that all defective spares removed from the plant are booked back to the stores for repairs through a rotatable process.
- Manage spares availability
- Communicate with stakeholders
- Highlight risk in the plant beforehand.
- Update and sign off log sheet on Flip system.
- Conduct Risk assessment before commencing any task.
- Attend toolbox talk and chair if needed
- Ensure relevant PPE is issued as per risk assessment
- Ensure work instructions, procedures and policies are followed at all times
- Conduct PTW (Permit to work), LARs (Limited access register), spot checks & PJO's (Planned Job Observations)
- Perform JO's on listed critical tasks in order to supervise operational activities and correct behaviour
- Conduct job observations and (BBSO) as per business requirements
- Report all quality and environmental issues
- Strive for the best quality workmanship.
- Promote safety, health, environment and quality at all times.
- Report any incidents, damaged or lost equipment
- Enforce good housekeeping at all time
- Compliance to life saving rules and HPC points
- Carry out any other lawful instruction given out by the next line manager
- Execute duties promptly and safely.
- Safeguard tools and safety equipment issued.
- Keep good relationship with all personnel.
- Be neat, self-sufficient and presentable
- Must be able to work under pressure

Provision of Maintenance Services for Bulk Water Handling Plants and Sites on an “as and when required for a period of 24 months on as an when required basis

- Clean work area.
- Ensure good team work
- Ensure good communication
- Be available to assist and supervise other plants

Technician

- Conduct planning of activities for all teams (giving support to the teams)
- Routine plant visit/walk to area of responsibility
- Ensure that all plant repairs are conducted qualitatively by conducting quality inspections.
- Inspect all spares before installation to ensure that they are free from defects.
- Co-ordinate Maintenance of plant in accordance with laid down procedures and instructions.
- Take out permit to work process within section.
- Ensure all duties are carried out as per instruction.
- Ensure good housekeeping in area of responsibility.
- Ensure that plant Work orders are up to date in terms of information, and time durations.
- Ensure that a clear scope of work to repair defective spares is issued for quality repairs.
- Manage plant availability
- Manage spares availability
- Communicate with stakeholders
- Make recommendations to improve the plant availability and reliability
- Conduct Risk assessment before commencing any task.
- Attend toolbox talk and chair if needed
- Ensure work instructions, procedures and policies are up to date.
- Ensure all tasks have a safe working procedures and quality control documentation.
- Conduct PTW (Permit to work), LARs (Limited access register), spot checks & PJO's (Planned Job Observations)
- Perform JO's on listed critical tasks in order to supervise operational activities and correct behaviour
- Conduct job observations and (BBSO) as per business requirements

Provision of Maintenance Services for Bulk Water Handling Plants and Sites on an “as and when required for a period of 24 months on as an when required basis

- Report all quality and environmental issues
- Strive for the best quality workmanship.
- Promote safety, health, environment and quality at all times.
- Report any incidents, damaged or lost equipment
- Enforce good housekeeping at all time
- Compliance to life saving rules and HPC points
- Carry out any other lawful instruction given out by the next line manager
- Execute duties promptly and safely.
- Safeguard tools and safety equipment issued.
- Keep good relationship with all personnel.
- Be neat, self-sufficient and presentable
- Must be able to work under pressure
- Clean work area.
- Ensure good team work
- Ensure good communication
- Be available to assist and supervise other plants

SHE Officer

- Conduct plant inspections and generate inspection reports
- Conduct site induction
- Routine plant visit/walk
- Support Site Manager during audits
- Ensure corrective action measures are implemented and closed out.
- Communicate with stakeholders
- Make recommendations to improve the plant availability and reliability
- Conduct Risk assessment before commencing any task.
- Attend toolbox talk and chair if needed
- Conduct PTW (Permit to work), LARs (Limited access register), spot checks & PJO's (Planned Job Observations)

Provision of Maintenance Services for Bulk Water Handling Plants and Sites on an “as and when required for a period of 24 months on as an when required basis

- Conduct job observations and (BBSO) as per business requirements
- Report all quality and environmental issues
- Promote safety, health, environment and quality at all times.
- Report any incidents, damaged or lost equipment
- Compliance to life saving rules and HPC points
- Carry out any other lawful instruction given out by the line manager
- Execute duties promptly and safely.
- Keep good relationship with all personnel.
- Be neat, self-sufficient and presentable
- Must be able to work under pressure
- Clean work area.
- Ensure good team work
- Ensure good communication

Fitter/Boilermaker/Welder

- Obey all lawful instructions
- Familiarize with:
 - The applicable work instructions and procedures in place
 - Safe working conditions and procedures
 - All legal and contractual requirements
 - Discipline
- Maintain plant in accordance with laid down standards
- Execute recommendations from the condition monitoring report and give feedback.
- Give feedback to the supervisor
- Conduct on job training to utility man
- Communicate with previous operating section
- Verify with plant status.
- Ensure that the plant is clean after working on it.
- Conduct plant inspections as per PM orders on SAP.

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- Repair defective plant items as per corrective maintenance
- Report all defects on the plant to Senior Technical Supervisor. Ensure SAP defects is loaded and SAP number is generated.
- Responsible for own safety.
- Responsible for personal protective equipment issued by the company.
- Take full responsibility of the 2 way radio that is issued to you.
- Execute duties promptly and safely.
- Safeguard tools and safety equipment issued.
- Keep good relationship with all personnel.
- Always ensure that SHEQ standards are met.
- Strive for the best quality workmanship.
- Report any incidents, damaged or lost equipment
- Always ensure that SHEQ standards are met.
- Strive for the best quality workmanship.
- Promote safety and quality at all times.
- Be neat, self-sufficient and presentable
- Must be able to work under pressure
- Should be able to perform extra duties required from time to time
- Keep Senior Technical Supervisor informed on plant and task status on a daily basis.

Utility man

- Obey all lawful instructions.
- Assist Artisans and Technician in executing allocated work
- Keep work area clean before and after executing the task
- Clean tools
- Keep the workshops/pump stations clean
- Assisting with barricading the propane gas truck before off-loading it.
- Conduct Risk assessment before commencing any task
- Attend toolbox talk

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- Ensure relevant PPE is used as per Risk Assessment.
- Ensure that work instructions, procedures and policies are followed at all times
- Strive for the best quality workmanship.
- Promote safety, health, environment and quality at all times.
- Report any incidents, damaged or lost equipment
- Enforce good housekeeping at all time
- Compliance to life saving rules
- Carry out any other lawful instruction given out by the supervisor
- Execute duties promptly and safely.
- Safeguard tools and safety equipment issued.
- Keep good relationship with all personnel.
- Be neat, self-sufficient and presentable
- Must be able to work under pressure
- Ensure housekeeping is done.

General Worker

- Obey all lawful instructions.
- Assist Artisans and Technician in executing allocated work
- Keep work area clean before and after executing the task
- Clean tools
- Keep the workshops/pump stations clean
- Assisting with barricading the propane gas truck before off-loading it.
- Conduct Risk assessment before commencing any task
- Attend toolbox talk
- Ensure relevant PPE is used as per Risk Assessment.
- Ensure that work instructions, procedures and policies are followed at all times
- Strive for the best quality workmanship.
- Promote safety, health, environment and quality at all times.
- Report any incidents, damaged or lost equipment

Provision of Maintenance Services for Bulk Water Handling Plants and Sites on an “as and when required for a period of 24 months on as an when required basis

- Enforce good housekeeping at all time
- Compliance to life saving rules
- Carry out any other lawful instruction given out by the supervisor
- Execute duties promptly and safely.
- Safeguard tools and safety equipment issued.
- Keep good relationship with all personnel.
- Be neat, self-sufficient and presentable
- Must be able to work under pressure
- Ensure housekeeping is done.

3.3.8. Administrator

- Accurately capturing departmental specific data (e.g. Leave, timesheets, invoices, Goods Receipts and purchase requisitions) and/or transacting on information system e.g. SAP, H:\Drive, etc
- Maintain an accurate filing system
- Receive requests for documents from End User and notify or follow up with user that the document is available
- Controlling and recording of documentations to ensure traceability
- Resolve issues related to filing queries as required
- Follow up continually on process to ensure minimal backlogs
- Arrange document archiving as and when required
- Update relevant amendments to documents as and when required
- Assist with any other ad-hoc office service as and when required
- Maintain weekly and monthly reports

PPE

Required PPE and supplied by the Contractor (Specification to be supplied under SHEQ)

- Overalls-specific to activity
- Safety boots

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- 3-point chin strap hard hat
- Gumboots
- Gloves
- Safety goggles
- Face shield
- Ear plugs/muffs
- Dust masks
- Cloth masks
- Respirators
- Safety harnesses
- Welding aprons
- Welding glasses
- Spats
- Reflector vests
- Sun hats
- Floatation Devices

All specialised PPE will be provided by ERI

Required Tools/Resources

- All maintenance staff tools used in the trade for an individual competency. This is a minimum requirement for the contract in terms of skill requirement.
- The supplier to supply all tools necessary to effectively carry out the scope of maintaining a Water Scheme plant within quality, time and cost-effective methodology.

Maintenance Philosophy

Sites to provide operating philosophies, which will be incorporating the contractor operations methodologies and strategies as per site-specific requirements

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Management strategy and start up

The *Contractor’s* plan for the *service*

Operations services schedule to be supplied by the Contractor after the employer has given them the maintenance plans.

Management meetings

There will be a monthly meeting for the *Contractor* with the *Employer* held at the *Employer’s* premises where contract issues will be discussed i.e. monthly report form the *Contractor* which will include safety meetings, call-out report, incident report an any other issues relating to the service being delivered. The following meetings are to be attended by the *Contractor’s* Supervisor:

- Safety meeting (once a month / as and when required)
- Contractor’s meetings (to be specified)
- Assessments meetings (end of the month on the 25th)
- Any other meetings relating to the *Contractor’s* outputs or necessary for business continuity
- Risk register meeting with the client.

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

***Contractor’s* management, supervision and key people**

The *Contractor’s* staff structure – supervisors and workforce is to be submitted in the form of an organogram. The employer must approve any changes to such staff structure, and after the approval, the contractor shall submit an updated staff structure.

The *Contractor* shall provide a competent representative to be available on site during all normal working hours (Supervisor).

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The Contractor’s representative will be required to keep the time sheets, which are required, signed at the end of each month.

NB: The Contractor’s representative will assume the role of a supervisor or lead for this contract

Documentation control

The service provider shall submit all proof of purchase, SHE bin certificates, time sheets and delivery note to the employer for assessment. Cleaning control sheets to be signed after each cleaning is completed (in respect of the COVID 19 pandemic)

Invoicing and payment

Invoicing and payment turnaround time is 30 days. Assessments are to be conducted from the 26th of each month.

Contract change management

Task Order form to be used when work within the service is instructed to be carried out within a stated period. A task Order will be sent to the *Contractor* via an email. In the case of a compensation event, the *Contractor* must give the *Employer* an early warning and a quotation for the total costs, must be submitted electronically by the *Contractor* for that compensation event by email

Records of defined cost to be kept by the *Contractor*

The Employer will do all hours worked by the Contractor. Timesheets will be submitted to and kept by the *Employer* on a weekly basis, and these will be used for assessment purposes.

Training workshops

- Any training required by the *Employer* will be provided e.g. Ethics, HIRA, etc however, any other training additional that the *Contractor* will need, the training costs will be for the *Contractor*. Training may not be conducted during working hours unless permission is given by the *Employer*.

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- The *Contractor* will be trained during the Job Specification Induction training that will be provided by the *Employer* at the beginning of the contract. The *Contractor* may also be trained during Work Stoppages and any other training as per employer’s requirements.
- The following training is necessary. The cost will be for the *Contractor*:
 - Statutory Training
 - Safety, Health and Environment Representative (SHE Rep.)
 - Applying SHE Principles and Procedure
 - Hazard Identification and Response
 - First Aid level 1

Health, Safety, Environment and Quality assurance**Health and safety risk management**

The *Contractor* shall at all times comply with the health and safety requirements prescribed by law as they may apply to the *services*.

The *Contractor* shall, when coming on site always abide by the Lifesaving Rules and COVID-19 safety requirements. The *Employer* on the start of the contract will provide these. The *Contractor* shall also abide by Safety, Health and Environmental Specifications for Contractors Procedure, which will also be provided by the *Employer*.

The *Employer* follows an accident/ incident prevention policy that includes the investigation of all accidents/ incidents involving personnel and property. This is done with the intention of introducing control measures to prevent recurrence of the same incidents. The *Contractor* is expected to fully co-operate to achieve this objective. Refer to 32-95_Environmental, Occupational Health and safety Incident Management Procedure

The *Contractor* implements a safety plan and maintains the safety system until completion of the whole of the works. The plan, will as a minimum, contain PPE information, written safe work procedures, job specific risk assessments, safety meetings, etc. The plan will be to the *Employer’s* satisfaction and will be accepted prior to the commencement of any work.

The *Contractor* will be subject to periodic audits by the *Employer* in order to ensure compliance with the plan. Any deviations will be corrected to the *Employer’s* satisfaction.

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The *Project Manager* has the right to stop the *Contractor's* work activities which, in the opinion of the *Project Manager*, is un-safe. The *Contractor* may only continue with work activities when all safety deficiencies have been corrected to the *Service Manager's* satisfaction. The *Contractor* shall have no claim against the *Employer* in respect of delay due to the above.

Environmental constraints and management

The *Contractor* shall comply with ERI management system. This includes the identification, collection, storage, transportation and disposal of waste. Hazardous waste shall be disposed of in line with the applicable environmental legislation. It is important to note that all spillages must be cleaned immediately and reported to the project manager as soon as possible. It is the responsibility of the polluter to clean all spillages and for the rehabilitation of the polluted land and the cost associated with that.

NB: In cases of inclement weather, the Project Manager will assess the risk of continuing with the works. When it is unsafe to continue, the Project Manager will stop the works and payment will be per the work covered in this instance.

Quality assurance requirements

The *Contractor* implements a quality system and maintains the quality system until the completion of the whole of the *works*. The system, will as a minimum, comply with the provisions of the ISO9001 series. The system will be to the *Employer's* satisfaction and will be accepted prior to the commencement of any work on site. The *Contractor* will be subject to self-assessments by the *Employer* in order to ensure compliance with the system. Any deviations will be corrected to the *Employer's* satisfaction.

The *Project Manager* has the right to stop the *Contractor's* work activities, which, in the opinion of *Project Manager*, does not meet the requirements of the system and will have a detrimental effect on plant performance. The *Contractor* may only continue with work activities when all deficiencies have been corrected to the *Project Manager's* satisfaction. The *Contractor* shall have no claim against the *Employer* in respect of delay due to the above.

The *Contractor* ensures that all plant and materials for the *works* are to the standard and quality accepted by the *Employer* and ensures that they are suitable for the purpose intended by the manufacturer.

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The *Contractor* will work according to the *Employer’s* standards, specifications, guidelines and procedures. Where no standards, specifications, guidelines and procedures are available, the *Contractor* will work according to the Generation Quality manual and professional guidelines. Where possible, standards will be reflected in the Task Order.

The employer shall evaluate, control and monitor the performance and effectiveness of the Contractor

Procurement**People**

Eskom Holdings Limited’s requirements regarding employment of unskilled or semi-skilled workers are as follows:

- ERI requires that during recruitment of unskilled or semi-skilled labour, a contractor should make every effort to employ minimum target of 100 % suitable candidates from all disciplines from the local community and will only resort to other avenues if the local community cannot provide the required resources.
- **The contractor will be required to pay rates and annual increases as per the Metal and Engineering Industries Bargaining Council (MEIBC).**
- All Labour Laws need to be adhered to during the employment of the personnel.

Plant and Materials**Correction of defects**

If there is part of work that the *Employer* is not happy with, this will be indicated to the *Contractor* and will have to be rectified by the *Contractor* immediately where reasonably possible or within 5 working days after the defect was reported.

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Plant & Materials provided by the *Employer*

- a. Water and Electricity
- b. Lighting and Ventilation
- c. Ablution facilities
- d. Sitting facilities
- e. Kitchen facilities
- f. All required tools
- g. Specialised PPE

NB: The *Contractor* will be responsible for their meals, own accommodation and transport to and from the place of work.

Working on the Affected Property

Under no circumstances will the *Contractor* do the work without proper PPE. The Supervisor on the *Contractor’s* side will make it his duty to make sure that this is properly addressed.

***Employer’s* site entry and security control, permits, and site regulations**

The *Contractor’s* access to site shall be in line with the Site access procedure. The *Contractor* shall be required to make an application for his employees to enter site for the duration of the contract, including defects period. The permits shall only be issued once the *Contractor’s* employees have attended the safety induction training and have undergone medical checks. The safety induction will be for the *Employer’s* account. The medical checks will be for the *Contractor’s* account

People restrictions, hours of work, conduct and records

The *Contractor* will carry out the *Works* on an 8-hour basis. Work on Saturdays, Sundays and Public Holidays will be as and when required.

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Records of Contractor’s Equipment

The Contractor’s Supervisor should keep record of all the equipment used by the Contractor. The Contractor is responsible for the safekeeping of all their equipment.

Control of noise, dust, water and waste

The contractor must supply their own dust masks and cloth masks as part of PPE. Drinking water is available on site as well as waste bins for disposing waste

List of drawings

N/A

2 Management strategy and start up.

2.1 The Contractor’s plan for the service

The contractor is required to submit plan for service within 7 days after receiving a work instruction from the service manager

2.2 Management meetings

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

Title and purpose	Approximate time & interval	Location	Attendance by:
Risk register and compensation events	As and When Required	Site offices or Head Office	<i>Employer</i> and <i>Contractor</i>
Overall contract progress and feedback	As and When Required	Site offices or Head Office	<i>Employer</i> and <i>Contractor</i>

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

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

Provision of Maintenance Services for Bulk Water Handling Plants and Sites on an “as and when required for a period of 24 months on as an when required basis**2.3 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.

The *Contractor* shall address the tax invoice to Eskom Rotek Industries,
And include on each invoice the following information:

- Name and address of the *Contractor* and the *Service Manager*;
- The contract number and title;
- *Contractor's* VAT registration number;
- The *Employer's* VAT registration number 4330196330;
- Description of service provided for each item invoiced based on the Price List;
- Total amount invoiced excluding VAT, the VAT and the invoiced amount including VAT;
- (add other as required)

Add procedures for invoice submission and payment (e. g. electronic payment instructions)

3 Health and safety, the environment and quality assurance**3.1 Health and safety risk management**

The Maintenance Service provider complies with the requirements of the OHS Act 85 of 1993 as well as the Employer's Standards and Procedures regarding 'Health and Safety at Eskom Power Stations'

Note: Requirements to be met by Maintenance Service provider "Contractor SHE Specifications.

The Maintenance service provider co-operates fully with the Employer's accident prevention procedure Document 32-95 as provided to mobile plant service provider on site by site management.

Note: The Maintenance service provider adheres to any additional safety requirements of the Employer on site as specified by site management.

3.2 Quality assurance requirements

The Maintenance service provider conforms to the Quality Management requirements as stipulated in the User Requirement specification.

The quality requirements are as per ISO 9001 and Eskom Standard QM-58 Quality Requirements for Engineering and Construction works (Annexure A and B for the applicable section)

All work carried out must have a quality control plan completed

All employer quality requirements to be adhered to by the contractor.

The service provider submits the following items when changes occur:

- Resources on site (no changes are allowed prior to the Project Manager's acceptance)
- Copy of risk management associated with cleaning services of plant including all work instructions or procedures

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4 Working on the Affected Property

4.1 Employer’s site entry and security control, permits, and site regulations

The service provider applies for access permits at the security gate when access to Eskom Power Stations/Construction sites is required.

The service provider’s personnel are in the possession of their access permits at all times when on the Site.

The service provider provides security for protection of construction their equipment and Materials required in providing the Works.

4.2 Records of Contractor’s Equipment

The Maintenance service provider keeps records of all tasks executed by the service provider as specified by the original equipment manufacturers.

5 List of drawings

5.1 Drawings issued by the Employer

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

Drawing number	Revision	Title
TBC	TBC	TBC

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Key Performance Indicators							
KPI's	Measure Frequency	Weight %	Floor -10%	Kick - 5%	Norm 0%	Stretch 5%	Ceiling 10%
Number of NCR's issued	Quarterly	10%	3	2	0	0	0
NCR's response time 5 days from the day of issue	Quarterly	20%	4/w	3/w	2/w	1/w	3 days
Compliance to PSR Authorisation	Quarterly	20%	2	3	4	5	6
Safety incidents (Medicals, LTI)	Monthly	20%	2	1	0	0	0
Damage to Employer Property	Quarterly	15%	2	1	0	0	0
Timeous Invoicing (days late)	Monthly	15%	3	2	0	0	0

Provision of Maintenance Services for Bulk Water Handling Plants and Sites on an “as and when required for a period of 24 months on as an when required basis**CONFIDENTIALITY AGREEMENT**

This Confidentiality Agreement (‘Agreement’) is entered into between the Employer and the Contractor.

WHEREAS, the Employer and the Contractor (the Parties) desire to exchange certain confidential information; and consider further business dealings with each other.

WHEREAS, the parties desire to evidence their agreements governing the exchange of certain confidential information as set forth below.

Now therefore, for good and valuable consideration, including the mutual agreements hereinafter recited, the parties hereby agree as follows:

1. The parties contemplate an exchange, either orally, in writing or by inspection, of certain confidential proprietary information possessed or owned separately by them and not readily available or otherwise known to the public and which may be helpful in evaluating further business dealings. Such confidential information (the ‘Subject Information’) may include but not be limited to the parties’ inventions, trade secrets, know-how, technical information on products and manufacturing processes, and information concerning their business assets, financial condition, operations, plans and prospects.
2. The purpose of the exchange of Subject Information is to enable the parties to evaluate the Subject information for the purpose only of considering further business dealings with each other.
3. The parties each agree that they shall maintain in secrecy in accordance with the terms of this Agreement all of the Subject Information each party receives (the ‘Receiving Party’) from the other party (the ‘Proprietor’) and shall not disclose or use other than for the purpose specified herein the Subject Information without the written consent of the Proprietor of the Subject Information. All Subject Information communicated from one party to the other shall be deemed to be proprietary and confidential to the Proprietor whether marked or identified as such or not.
4. The duty of care to safeguard Subject Information shall be the same as that which the parties each use to safeguard their own respective proprietary and confidential information.
5. The Receiving Party of Subject Information shall not be obligated to maintain Subject Information received from its Proprietor in secrecy or refrain from using it to the extent that any such information is or rightfully becomes publicly available information other than through a breach of this Agreement, or which the Receiving Party later obtains lawfully from anyone else who is not known by the Receiving Party to be obligated under any secrecy agreement with Proprietor to maintain the information in secrecy. The Receiving Party also shall not be obligated to maintain in secrecy any information it receives from the Proprietor which it can demonstrate was already in its possession when the information was disclosed to the Receiving Party by the Proprietor.
6. The Receiving Party shall promptly return to its Proprietor any Subject Information in tangible form it has received from the Proprietor immediately upon the Proprietor’s request, without retaining any copies, summaries, analyses or extracts thereof. All documents, memoranda, notes and other writings prepared by the parties, or their advisors, based on the Subject

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Information of each other, shall be destroyed, and such destruction shall be certified in writing by an authorised officer supervising such destruction.

7. If a party, with the written consent of the Proprietor of Subject Information, discloses any Subject Information received from its Proprietor to any third party, it shall do so only under a secrecy agreement having a scope similar to and which is consistent with this Agreement, and the disclosing party shall be primarily responsible for any compromise of the secrecy of Subject Information by such third party
8. Each party agrees that it shall not, while and for so long as it is obligated to maintain Subject Information in secrecy, use for its own benefit, or for the benefit of others or exploit, commercialise, develop, test promote, sell, lease, market or otherwise dispose of any products or services using, incorporating or relying on Subject Information received from its Proprietor without the written consent of the Proprietor.
9. The obligations of the party receiving Subject Information pursuant to this Agreement shall be effective with respect of each item of Subject Information for a term of five (5) years from the date of submission of the Subject Information to the Receiving Party by its Proprietor, unless the Proprietor agrees otherwise in writing.
10. For purposes of this Agreement, each party shall include (to the extent applicable) the officers, directors, employees, agents, representatives, attorneys, joint ventures, partnerships, affiliates, subsidiaries, and divisions of the party, and any other entity or entities which such party controls or which controls it, and, further, shall include any transferee, successor and assign of the assets of the party.
11. This Agreement shall be construed (both as to validity and performance) and enforced in accordance with, and governed by, the laws of Republic of South Africa.
12. Neither this Agreement nor the exchange of Subject Information between the parties shall create or be relied on by either party as a basis for creating any license between the parties under any patent, or other industrial or intellectual property rights of the Proprietor of the Subject Information, or any other license between the parties in the absence of any express written license agreement between them
13. The parties agree that no contract or agreement providing for a transaction shall be deemed to exist between them unless and until a definitive agreement has been executed and delivered, the parties hereby waive, in advance, any claim (including, without limitation, breach of contract) in connection with a possible transaction with each other unless and until they shall have entered into a definitive agreement. The parties also agree that unless and until a definitive agreement between them has been executed and delivered, neither party has any legal obligation of any kind whatsoever with respect to any such transaction by virtue of this Agreement or any other written or oral expression with respect to such transaction, except, in the case of this Agreement, for the matters specifically agreed to herein. For purposes of this paragraph, the term ‘definitive agreement’; does not include an executed letter of intent, memorandum of understanding.

IN WITNESS WHEREOF, and intending to be legally bound, this Agreement has been executed by the parties as of and effective from the date first written above.