



REQUEST FOR BID

EPC / TURNKEY CONTRACT

Form No: RW PROC 00048-2 F

Revision No: 01

Effective Date: October 2017

TENDER NO: RW01339/17

**FRAMEWORK AGREEMENTS FOR MAINTENANCE, REPAIRS AND
REFURBISHMENT SERVICES AND THE SUPPLY OF OPERATIONAL STOCK,
TOOLS AND GENERAL SUPPLIES FOR ALL RAND WATER OPERATIONS FOR
THE PERIOD OF 3 YEARS**

TECHNICAL PART

National Treasury Central Supplier Database Number	MAAA.....
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TENDER SUBMITTED BY:

Registered Name of Company: _____

Address: _____

Telephone Number: _____

Fax Number: _____

E-mail: _____

WRITE SUB-COMMODITY NUMBER , SUB-COMMODITY NAME AND PROVINCE		
NUMBER	NAME	PROVINCE (Area of Operation)

**EACH ENTITY MUST CHOOSE ONLY ONE SUB-COMMODITY FAILURE TO ADHERE
TO THIS INSTRUCTION WILL RESULT IN IMMEDIATE DISQUALIFICATION**

Employer's Representatives

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ISSUE DATE: TUESDAY, 18 APRIL 2018 AT 12:00 PM

**COMPULSORY SITE MEETING DATE 1ST THURSDAY, 26 APRIL 2018 AT 10:00 AM
2ND THURSDAY, 26 APRIL 2018 AT 13:00 PM**

CLOSING DATE: FRIDAY, 18 MAY 2018 AT 12:00 PM

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SECTION A
TENDER DATA

1. INTRODUCTION

Rand Water is an organ of the state, established in terms of the Water Services Act 108 of 1997. As a state organ, Rand Water is further governed by other legislative frameworks as determined and enacted by South African Government.

2. PURPOSE AND STRATEGY

The aim of this tender process is to establish a panel of contractors that will provide maintenance, repairs and refurbishment services and the supply of operational stock, tools and general supplies for all of Rand Water operations for a period of eighteen (18) months.

Currently Rand Water procurement is inundated with a high number of requisitions below requisitions below R500 000 meaning a high number of Request for Quotations within the Stock (maintenance, repairs, refurbishment, spares, tools and general stock) category are issued on a regular basis.

Based on the procurement plans submitted by the business a number of projects have been identified and categorized to form part of the framework contracts in order to ensure efficient way of goods and services.

Framework agreements for the purposes of this process entail the prior technical pre-qualification approval, the agreeing on terms and conditions and then awarding of contract to the successful tenderers based on capacity. Each Sub-Commodity will have between 2 and 5 (depending on geographical location) pre-approved suppliers on the panel for that particular commodity that have gone through the procurement tender process.

Under framework agreements, the scope of work is not fully known upfront, the category that will have framework agreements is therefore the maintenance, repairs and refurbishment services Sub-Commodity.

3. DURATION

The service will be required for a period of three (3) years. The contract will automatically end when the period ends or on termination of the contract by the employer.

4. COMMODITY AND SUB-COMMODITIES

Stock Commodity	Stock Sub-Commodities
Maintenance Repairs and Refurbishments Services	<ul style="list-style-type: none"> • Sub-Commodity 1: MV Motors, LV Motors and Submersible Pumps • Sub-Commodity 2: Switch Gear- Cabling, Relay, Electrical Metering and Protection (LV and MV) • Sub-Commodity 3: Load Testing of Cranes and Lifting Equipment • Sub-Commodity 4: Extraction Fans, Workshop Machines Repairs and Supply of Associated Tools • Sub-Commodity 5: Pressure Vessels Maintenance (i.e. Blowers, Compressors, Chlorine Plant, Water hammer) - AIA • Sub-Commodity 6: Calibration of Measuring Equipment (AIA) • Sub-Commodity 7: Engine Overhaul Service and Spares • Sub-Commodity 8: Auto Electrical Repairs • Sub-Commodity 9: Variable Speed Drives Maintenance • Sub-Commodity 10: Lifts Maintenance and Associated Spares • Sub-Commodity 11: In-situ Calibration and Verification of Bulk Customer Meters • Sub-Commodity 12: Pumps Repairs and Refurbishments • Sub-Commodity 13: Hydraulic, Pneumatic and Lubrication Systems • Sub-Commodity 14: Transformer Oil Sampling • Sub-Commodity 15: Pump Rotation Elements • Sub-Commodity 16: Servicing and maintenance of Medical Equipment Refurbishments
Spares	<ul style="list-style-type: none"> • Sub-Commodity 17: Vehicle Spares, Supplies and Services • Sub-Commodity 18: Mechanical Spares • Sub-Commodity 19: Electrical Spares • Sub-Commodity 20: Supply, Delivery of Metres and Metre Spares
General Stock and Services	<ul style="list-style-type: none"> • Sub-Commodity 21: Fire Protection Systems (AIA) • Sub-Commodity 22: Security Systems • Sub-Commodity 23: Gas • Sub-Commodity 24: Garden Supplies and Horticulture Services
General Supplies	<ul style="list-style-type: none"> • Sub-Commodity 25: Chemical Cleaning and General Cleaning • Sub-Commodity 26: Canteen - Perishables • Sub-Commodity 27: Canteen – General Supplies • Sub-Commodity 28: Office equipment's and Stationery

5. RAND WATER AREA OF SUPPLY

The applicable Rand Water areas of supply are as follows:

- Zuikerbosch pumping System
- Raw Water System
- Vereeniging pumping System
- Mapleton pumping System
- Palmiet pumping System
- Eikenhof pumping System
- Zwartkopjes pumping System
- Rand Water extended areas of supply

6. ALLOCATION

Rand Water expects to appoint at least 244 service providers who will be deployed to various Rand Water areas of operation as follows:

MAINTENANCE REPAIRS AND REFURBISHMENTS SERVICES

Sub-Categories	MV Motors, LV and Submersible Pumps	Switch Gear, Cabling, Relay, Electrical Metering and Protection (LV and MV)	Load Testing of Cranes and Lifting Equipment	Extraction Fans, Workshop Machines Repairs and Supply of Associated Tools	Pressure Vessels Maintenance (i.e. Blowers, Compressors, Chlorine Plant, Water hammer) - AIA	Measuring Equipment (AIA)
No. of service providers	7	7	7	7	7	7

Sub-Categories	Engine Overhaul Service and Spares	Auto Electrical Repairs	Variable Speed Drives Maintenance	Lifts Maintenance and Spares	In-situ Calibration and Verification of Bulk Customer Meters
No. of service providers	7	7	7	7	7

Sub-Categories	Pumps Repairs and Refurbishments	Hydraulic, Pneumatic and Lubrication Systems	Transformer Oil Sampling	Pump Rotation Elements	Serving and Calibration of Medical Equipment
No. of service providers	7	7	7	7	7

SPARES

Sub-Categories	Vehicle Spares, and Supplies Services	Mechanical Spares	Electrical Spares	Metres and Metre Spares
No. of service providers	12	12	12	12

GENERAL STOCK AND SERVICES

Sub-Categories	Fire Protection Systems (AIA)	General Building Maintenance	Gas	Garden Supplies and Horticulture Services	Cleaning
No. of service providers	12	12	12	12	12

GENERAL SUPPLIES

Sub-Categories	Canteen - Perishables	Canteen – General Supplies	Stationery
No. of service providers	12	12	12

T1.2 TENDER DATA

ITEM	TENDER DATA
T1.2.1	<p>A weighted score-card approach will be used to evaluate the technical compliance of the tenders against the specifications and the service providers will have to get a minimum score of 60%. The selection will be based on the highest technical score received by the tenderers namely the tenderers will be ranked according to the scores received.</p> <p>These adjudication points will be awarded as follows:</p> <p>1. FUNCTIONALITY</p> <p>The percentage scored for functionality may be calculated as follows:</p> <ol style="list-style-type: none"> a. The value awarded for each criterion should be multiplied by the weight for the relevant criterion to obtain the score for the various criteria; b. The scores for each criterion should be added to obtain the total score out of 100%; and c. The following formula should be used to convert the total score to percentage for functionality: $P_F = \frac{S_o}{M_s} \times 100$ <p><u>Where:</u> P_Q = percentage scored for functionality by bid under consideration S_o = total score of bid under consideration M_s = maximum possible score</p> <p>Maintenance, Repairs and Refurbishment Services Tenders will be adjudicated on the criteria outlined in items (a - h) below, Spares, General Stock and Services and General Supplies Tenders will be adjudicated on the criteria outlined in items (i - p) below. Each Item (a to p) has an assigned "Weight" and "Rating" scale. During the adjudication process Tenderers shall be assigned a "Rating" for each item in (a to p). The maximum "Score" that a Tenderer can achieve will be equal to the "Weight" for a particular item. The Total Scores of each functionality or quality criterion will be multiplied by its weight and then the total score summed up to a total score out of 100. A detailed description of the "Rating" scales and associated adjudication documentation are as follows:</p> <p><u>EVALUATION CRITERIA FOR MAINTENANCE REPAIRS AND REFURBISHMENT SERVICES</u></p> <p>(a) The <u>Schedule: T2.2.4 Record of Previous Experience relevant to the current scope/ work (with contactable client ref.) (15weighting)</u></p> <p>This is based on contractor history and managing multi engineering project.</p> <ul style="list-style-type: none"> • None – 0% = Tenderer will obtain 0% if projects completed in T2.2.4 of this Tender document are not relevant to the scope of work and there are no contactable or valid references completed on the table. • Weak – 33.3% = Tenderer will obtain 33% if projects completed in T2.2.4 of this Tender document amount to relevant experience of less than 2 years and there are contactable or valid references for the experience completed.

	<ul style="list-style-type: none"> • Moderate– 66.7%= Tenderer will obtain 66.7% if projects completed in T2.2.4 of this Tender document amount to relevant experience of less than 4 years but equal or more than 2 years and there are contactable or valid references completed on the table. • Good – 100% = Tenderer will obtain a score of 100%% if projects completed in T2.2.4 of the Tender document amount to relevant experience equal or greater than 5 years and there are contactable or valid references completed on the tender document. <p>e.g. A Tenderer rated <i>Moderate</i> will score 10 (66.7% x 15 weighting) points.</p> <p>(b) <u>Performance of Previous work done with Rand Water (20 Weighting)</u> Project Post Execution score for work previously done with Rand Water, is evaluated based on; quality of installation, workmanship, excellence of service rendered, compliance with regulatory requirements, contractor’s performance etc. The evaluated contractor must achieve a minimum of 80% in the Project Post Execution evaluation done by Rand Water at the end of each project. The final score for award of work is based on the average scores of the last 2 projects previously done with Rand Water. Contractors that have not done work with Rand Water, a reference check will be done with other clients. The “Rating” of this item is based on a two-point scale:</p> <ul style="list-style-type: none"> • Unacceptable– 0% = Tenderer will obtain a score of 0% if there is no Rand Water Project Post Execution Score Report or reference letter or any other documented evidence of excellence of service or proof with an 80% score in the post project evaluation at Rand Water or any other Similar Client’s. • Acceptable - 100% = Tenderer will obtain 100% if there is a Rand Water Project Post Execution Report, reference letter or any other documented evidence of excellence of service or proof with an 80% score in the post project evaluation at Rand Water or any other Client for the relevant or similar scope. <p>e.g. A Tenderer rated Unacceptable will score 0% and 20% if rated Acceptable (100% x 20 weighting)</p> <p>(c) <u>Quality Management Systems</u> (refer to R1.1 of T2.1.4 List of Returnable Documents) (10 weighting)</p> <ul style="list-style-type: none"> • Evidence of being ISO 9001 accredited or In-house QMS in place. • Quality Control Plan (Provide a typical / template Quality Control Plan used in-house (for work similar to the Tender Scope/Work). <p>The “Rating” of this item is based on a four-point scale:</p> <ul style="list-style-type: none"> • None – 0% = Tenderer will obtain 0% if there is no evidence of an in-house QMS and no quality plan template that are included with the bid response. • Weak – 33.3% = Tenderer will obtain 33.3% if there is evidence of an ISO 9001, 14001 and 18001 accreditation or an in-house QMS and quality plan template that are included with the bid response. • Moderate– 66.7% = Tenderer will obtain 66.7% if there is evidence of an ISO 9001 accreditation and a detailed in-house QMS is in place and quality plan template must be detailed. • Good– 100% = Tenderer will obtain 100% if there is evidence of an ISO 9001 accreditation or an in-house QMS in place and quality plan template must be detailed, all three must be detailed and relevant to the sub-commodity. The scope of the ISO 9001 Certificate must be relevant to the sub-commodity. Must be submitted with the tender response. <p>e.g. A Tenderer rated <i>Moderate</i> will score a 6.67 (66.7% x 10 weighting).</p>
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	<p>(d) The <u>Schedule: T2.2.5 Human Resource Capacity (15 weighting)</u> Adjudicated based on Human Resource Capacity Schedule (including company's Project Team vs. Company Organogram; Project Team Member List including CV's - indicating whether resource in Internal/external, hours dedicated to other contracts, and hours to be dedicated for this contract, active contracts information must be included in this schedule) - the purpose is to establish an overall picture of the company's human resource capacity and ability to undertake the work. The "Rating" of this item is based on a four-point scale:</p> <ul style="list-style-type: none"> • None – 0% = Tenderer will obtain 0% if there is no Organogram, CV's and proof of qualifications of the electrical and/or mechanical engineer, foreman, technicians, artisans, operators, SHEQ specialist, quality control and health and safety officers (all eight must be submitted). • Weak – 33.3% = Tenderer will obtain 33% if there is a company Organogram, CV's of the project team and proof of qualifications of the electrical and/or mechanical engineer, foreman, technicians, artisans, operators, SHEQ specialist, quality control and health and safety officer (all eight must be submitted). • Moderate – 66.7% = Tenderer will obtain 66.7% if there is a company Organogram, CV's of the project team and proof of qualifications of the electrical and/or mechanical engineer, artisans, operators, SHEQ specialist, quality control and health and safety officer (all eight must be submitted). The electrical and/or mechanical engineer has a university degree and CV shows experience of 3 or more relevant years. • Good – 100% = Tenderer will obtain 100% if there is a company Organogram, CV's of the project team and proof of qualifications of the electrical and/or mechanical engineer, artisans, operators, SHEQ specialist, quality control and health and safety officer (all eight must be submitted). The electrical and/or mechanical engineer and the SHEQ/Quality/Health Officer have university honours and CV shows experience of 5 or more relevant years. <p>e.g. A Tenderer rated <i>Good</i> will score a 7.5 (100% x 15 weighting)</p> <p>(e) The <u>Schedule: T2.2.6 Equipment Resource Capacity (Plant and Equipment) (15 weighting)</u> Adjudicated based on Equipment Resource Capacity (Plant and Equipment) Schedule (indicated Plant and Equipment owned/leased/to be hired/purchased etc. for the project i.e. Internal/external, days dedicated to other contracts, and days to be dedicated for this contract, active contracts information must be included in this schedule) - the purpose is to establish an overall picture of the company's equipment resource capacity and ability to undertake the work. The "Rating" of this item is based on a four-point scale:</p> <ul style="list-style-type: none"> • None – 0% = Tenderer will score 0% if Tenderer has not provided proof of ownership or hire of the appropriate vehicles to collect and deliver the relevant equipment and has not provided proof (list of electrical and/or mechanical equipment with proof of ownership or lease) of an equipped workshop. • Weak – 33.3% = Tenderer will score 33.3% if Tenderer has provided proof of ownership or hire of the appropriate vehicles to collect and deliver the relevant equipment and has not provided proof (list of electrical and/or mechanical equipment with proof of ownership or lease) of an equipped workshop. • Moderate – 66.7% = Tenderer will score 66.7% if Tenderer has provided proof of ownership or hire of the appropriate vehicles to collect and deliver the relevant equipment and has not provided proof (list of electrical and/or mechanical equipment with proof of ownership or lease) of fully equipped workshop. The
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	<p>workshop has an electrical, mechanical, quality bay and machine shop for critical spares.</p> <ul style="list-style-type: none"> • Good – 100% = Tenderer will score 100% if Tenderer has provided proof of ownership or hire of the appropriate vehicles to collect and deliver the relevant equipment and has provided proof (list of electrical and/or mechanical equipment with proof of ownership or hire purchase which covers a contract duration – 3 years) of fully equipped workshop which has a fixed overhead crane. The workshop has an electrical, mechanical, quality bay and machine shop for critical spares. <p>e.g. A Tenderer rated <i>Good</i> will score a 15 (100% x 15 weighting)</p> <p>(f) The <u>Schedule: T2.2.8 Risk Introduced by Tender Qualifications (e.g. limitations, assumptions, limited liability etc.)</u> (5 weighting)</p> <p>NOTE: Material qualifications may result in tender being deemed non-responsive. The “Rating” of this item is based on a three-point scale:</p> <ul style="list-style-type: none"> • Significant – 0% = Tenderer will score 0% if Tenderer has submitted their own terms and conditions. • Minimal – 50% = Tenderer will score 50% if Tenderer has made no material qualification to the terms conditions, if material qualifications (i.e. on limitations, assumptions, limited liability etc.) on the tender are deemed material, the Tenderer will score 0%. • None – 100% = Tenderer will score 100% if there are no qualifications on the tender response and has not submitted own terms and conditions <p>e.g. A Tenderer rated <i>Minimal</i> will score a 2.5 (50% x 5 weighting)</p> <p>(g) The <u>Schedule: T2.2.9 Project Risk Management</u> (5 weighting)</p> <p>As per risk register provided. The “Rating” of this item is based on a four-point scale:</p> <ul style="list-style-type: none"> • None – 0% = Tenderer will score 0% if there is no Response strategy and response actions on the Risk Response Plan. • Weak – 33.3% = Tenderer will score 33.3% if the Response strategy and Response actions on the Risk Response Plan reduce the Probability and Impact of only 33% of the identified risks from high to low. • Moderate – 66.7% = Tenderer will score 66.7% if the Response strategy and Response actions on the Risk Response Plan reduce the Probability and Impact of only 66.7% of the identified risks from high to low. • Good – 100% = Tenderer will score 100% if the Response strategy and Response actions on the Risk Response Plan reduce the Probability and Impact of 100% of the identified risks from high to low. Detailed response required <p>e.g. A Tenderer rated <i>Good</i> will score a 5 (100% x 5 weighting)</p> <p>(h) The <u>Schedule: T2.2.7 SHERQ</u> (15 weighting)</p> <p>Adjudicated based on Contractors Health & Safety Policy, DIFR status and documentation submitted (as indicated in SHERQ Schedule)</p> <p>The “Rating” of this item is based on a four-point scale:</p> <ul style="list-style-type: none"> • None – 0% = Tenderer will score 0% if they have not submitted a copy of their company Safety, Health and Environmental Risk assessment template. • Weak – 33.3% = Tenderer will score 33.3% if they have submitted a copy of their company Safety, Health and Environmental Risk assessment template. • Moderate – 66.7% = Tenderer will score 66.7% if they have submitted a copy of their company Safety, Health and Environmental Risk assessment template that was completed for a similar job and have provided proof of their DIFR Status
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	<p>over the past two years to supplement the request in T2.2.7 of the Tender document.</p> <ul style="list-style-type: none"> • Good – 100% = Tenderer will score 100% if they have submitted a copy of their company Safety, Health and Environmental Risk assessment template that was completed for a similar job and have provided proof of their DIFR Status over the past two years to supplement the request in T2.2.7 of the Tender document. The Tenderer has also provided us with proof that their DIFR status has improved by more than 10% when comparing their 2017 and 2016 DIFR status. e.g. A Tenderer rated <i>Good</i> will score a 10 (100% x 15 weighting) <p>2. OBJECTIVE CRITERIA</p> <p>Rand Water shall apply objective criteria in accordance with the PPPFA to advance economic interest of historically disadvantaged designated groups.</p> <ul style="list-style-type: none"> • Black Owned – 51% or Higher <p>and a minimum of one of the following:</p> <ul style="list-style-type: none"> • Black Women Owned – 51% or Higher • Youth Owned – 51% or Higher (up to 35 years old) • People with Disabilities – 51% or Higher • Military Veteran- 51% owned by black people who are military veterans <p><u>EVALUATION CRITERIA FOR SPARES, GENERAL STOCK AND SERVICES, AND GENERAL SUPPLIES</u></p> <p>(i) The <u>Schedule: T2.2.4 Record of Previous Experience relevant to the current scope/ work (with contactable client ref.) (15weighting)</u></p> <p>This is based on contractor history and managing multi engineering project.</p> <ul style="list-style-type: none"> • None – 0% = Tenderer will obtain 0% if project completed in T2.2.4 of this Tender document is not relevant to the scope of work and there are no contactable or valid references. • Weak – 33.3% = Tenderer will obtain 33% if in T2.2.4 of this Tender document there is only 1 valid references with valid details that confirm your relevant experience. • Moderate– 66.7%= Tenderer will obtain 66.7% if project completed in T2.2.4 of this Tender document there is only 2 valid references with valid details that confirm your relevant experience. • Good – 100% = Tenderer will obtain a score of 100%% if project completed in T2.2.4 of the Tender document there is at least 3 valid references with valid details that confirm your relevant experience <p>e.g. A Tenderer rated <i>Moderate</i> will score a 6.67 (66.7% x 15 weighting)</p> <p>(j) <u>Performance of Previous work done with Rand Water (20 Weighting)</u></p> <p>Project Post Execution score for work previously done with Rand Water, is evaluated based on; quality of installation, workmanship, excellence of service rendered, compliance with regulatory requirements, contractor’s performance etc. The evaluated contractor must achieve a minimum of 80% in the Project Post Execution evaluation</p>
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done by Rand Water at the end of each project. The final score for award of work is based on the average scores of the last 2 projects previously done with Rand Water. Contractors that have not done work with Rand Water, a reference check will be done with other clients. The "Rating" of this item is based on a two-point scale:

- Unacceptable– 0% = Tenderer will obtain 0% if there is no Rand Water Project Post Execution Score Report or reference letter or any other documented evidence of excellence of service or proof a 80% score in the post project evaluation at Rand Water or any other Similar Client's
- Acceptable - 100% = Tenderer will obtain 100% if there is a Rand Water Project Post Execution Report reference letter or any other documented evidence of excellence of service with a 80% score in the post project evaluation at Rand Water or any other Client

e.g. A Tenderer rated Unacceptable will score 0 and 20 if rated Acceptable (100% x 20 weighting)

(k) **Quality Management Systems** (refer to R1.1 of T2.1.4 List of Returnable Documents) **(10 weighting)**

- Evidence of being ISO 9000 accredited or In-house QMS in place.
- Quality Control Plan (Provide a typical / template Quality Control Plan used in-house (for work similar to the Tender Scope/Work).

The "Rating" of this item is based on a four-point scale:

- None – 0% = Tenderer will obtain 0% if there is no evidence of an in-house QMS and no quality plan template.
- Weak – 33.3% = Tenderer will obtain 33.3% if there is evidence of ISO 9001, or in-house QMS and quality plan template
- Moderate– 66.7% = Tenderer will obtain 66.7% if there is evidence of ISO 9001 accreditation and a detailed in-house QMS is in place and quality plan template must be detailed
- Good– 100% = Tenderer will obtain 100% if there is evidence of ISO 9001 accredited or in-house QMS in place and quality plan template, all three must be detailed and relevant to the sub-commodity. The scope of the ISO 9001 Certificate must be relevant to the sub-commodity.

e.g. A Tenderer rated *Moderate* will score a 2.5 (66.7% x 10 weighting)

(l) The **Schedule: T2.2.6 Human Resource Capacity** **(15 weighting)**

Adjudicated based on Human Resource Capacity Schedule (including company's Project Team vs. Company Organogram; Project Team Member List including CV's - indicating whether resource in Internal/external, hours dedicated to other contracts, and hours to be dedicated for this contract, active contracts information must be included in this schedule) - the purpose is to establish an overall picture of the company's human resource capacity and ability to undertake the work. The "Rating" of this item is based on a four-point scale:

- None – 0% = Tenderer will obtain 0% if there is no Organogram, CV's and proof of qualifications of the team that will be assigned to the project.
- Weak – 33.3% = Tenderer will obtain 33.3% if there is an Organogram, CV's and proof of qualifications of the team that will be assigned to the project.
- Moderate – 66.7% = Tenderer will obtain 66.7% if there is no Organogram, CV's and proof of qualifications of the team that will be assigned to the project. The Project Manager that will be responsible for operations for operations has a degree and has management or lead experience of at least 3 years.

	<ul style="list-style-type: none"> • Good – 100% = Tenderer will obtain 100% if there is no Organogram, CV's and proof of qualifications of the team that will be assigned to the project. The Project Manager that will be responsible for operations for operations has a degree and has management or lead experience of at least 5 years. e.g. A Tenderer rated <i>Good</i> will score a 7.5 (100% x 15 weighting) <p>(m) The <u>Schedule: T2.2.6 Equipment Resource Capacity (Plant and Equipment) (15 weighting)</u> Adjudicated based on Equipment Resource Capacity (Plant and Equipment) Schedule (indicated Plant and Equipment owned/leased/to be hired/purchased etc. for the project i.e. Internal/external, days dedicated to other contracts, and days to be dedicated for this contract, active contracts information must be included in this schedule) - the purpose is to establish an overall picture of the company's equipment resource capacity and ability to undertake the work. The "Rating" of this item is based on a four-point scale:</p> <ul style="list-style-type: none"> • None – 0% = Tenderer will score 0% if Tenderer has not provided proof of ownership or hire or outsource of the appropriate vehicles to deliver the relevant goods to Rand Water and has provided a list of equipment that shows that the Tenderer has capacity to deliver the service. • Weak – 33.3% = Tenderer will score 33.3% if Tenderer has provided proof of ownership or hire or outsource of the appropriate vehicles to deliver the relevant goods to Rand Water and has provided a list of equipment that shows that the Tenderer has capacity to deliver the service efficiently. • Moderate – 66.7% = Tenderer will score 66.7% if Tenderer has provided proof of ownership or hire or outsource of the appropriate vehicles to deliver the relevant goods to Rand Water and provided a list of equipment that shows that the Tenderer has capacity to deliver the service and indicated that they own at least 50% of the equipment on that list. • Good – 100% = Tenderer will score 100% if Tenderer has provided proof of ownership or hire or outsource of the appropriate vehicles to deliver the relevant goods to Rand Water and provided a list of equipment that shows that the Tenderer has capacity to deliver the service and indicated that they own at least 75% of the equipment on that list. <p>e.g. A Tenderer rated <i>Good</i> will score a 7.5 (100% x 15 weighting)</p> <p>(n) The <u>Schedule: T2.2.8 Risk Introduced by Tender Qualifications (e.g. limitations, assumptions, limited liability etc.) (5 weighting)</u> NOTE: Material qualifications may result in tender being deemed non-responsive. The "Rating" of this item is based on a three-point scale:</p> <ul style="list-style-type: none"> • Significant – 0% = Tenderer will score 0% if Tenderer has submitted their own terms and conditions. • Minimal – 50% = Tenderer will score 50% if Tenderer has made no material qualification to the terms conditions, if material qualifications (i.e. on limitations, assumptions, limited liability etc.) on the tender are deemed material, the Tenderer will score 0%. • None – 100% = Tenderer will score 100% if there are no qualifications on the tender or own terms and conditions submitted <p>e.g. A Tenderer rated <i>Minimal</i> will score a 2.5 (50% x 5 weighting)</p>
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(o) The **Schedule: T2.2.9 Project Risk Management (5 weighting)**

As per risk register provided. The “Rating” of this item is based on a four-point scale:

- None – 0% = Tenderer will score 0% if there is no Response strategy and response actions on the Risk Response Plan.
- Weak – 33.3% = Tenderer will score 33.3% if the Response strategy and Response actions on the Risk Response Plan reduce the Probability and Impact of only 33% of the identified risks from high to low
- Moderate – 66.7% = Tenderer will score 66.7% if the Response strategy and Response actions on the Risk Response Plan reduce the Probability and Impact of only 66.7% of the identified risks from high to low
- Good – 100% = Tenderer will score 100% if the Response strategy and Response actions on the Risk Response Plan reduce the Probability and Impact of 100% of the identified risks from high to low.

e.g. A Tenderer rated *Good* will score a 5 (100% x 5 weighting)

(p) **Method Statement (refer to R1.3 of T2.1.4 List of Returnable Documents) (15 weighting)**

Specific method statement in accordance with the scope of work.

The “Rating” of this item is based on a four-point scale:

- None – 0% = Tenderer will score a score of 0% if the method statement has no programme, no activities, no relationship of sequence and no commission protocol or equivalent that explains how the supplier plans to render the service from the time a Letter of Awarded has been awarded to the supplier.
- Weak– 33.3% = Tenderer will score a score of 33.3% if the method statement has a programme, activities, relationship of sequence and commission protocol or equivalent that explains how the supplier plans to render the service from the time a Letter of Awarded has been awarded to the supplier but is not relevant to the scope of work
- Moderate - 66.7% = Tenderer will score a score of 66.7% if the method statement has a programme, activities, relationship of sequence and commission protocol or equivalent that explains how the supplier plans to render the service from the time a Letter of Awarded has been awarded to the supplier fully relevant to the scope of work.
- Good – 100% = Tenderer will score a score of 66.7% if the method statement has a programme, activities, relationship of sequence and commission protocol or equivalent that explains how the supplier plans to render the service from the time a Letter of Awarded has been awarded to the supplier fully relevant to the scope of work and explains the full supply chain function.

e.g. A Tenderer rated *Good* will score a 15 (100% x 15 weighting)

OBJECTIVE CRITERIA

Rand Water shall apply objective criteria in accordance with the PPPFA to advance economic interest of historically disadvantaged designated groups.

- Black Owned – 51% or Higher
- and a minimum of one of the following:**
- Black Women Owned – 51% or Higher
 - Youth Owned – 51% or Higher (up to 35 years old)

	<ul style="list-style-type: none"> • People with Disabilities – 51% or Higher • Military Veteran- 51% owned by black people who are military veterans
T1.2.2	<p>PROPOSED RATES FOR RESOURCES</p> <p style="text-align: center;">Refer to Commercial Part Tender Document</p>
T1.2.3	<p>Tender offers will only be accepted if:</p> <ul style="list-style-type: none"> a) The Tenderer or any of its directors is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector; b) The Tenderer has not: <ul style="list-style-type: none"> I. Abused the Employer’s Supply Chain Management System; II. Been blacklisted from doing business by Rand Water or any of the other state entities. <p>The Tenderer has completed the Compulsory Enterprise Questionnaire (see Returnable Schedules) and there are no conflicts of interest which may impact on the Tenderer’s ability to perform the contract in the best interests of the Employer or potentially compromise the tender process.</p>
T1.2.4	<p>The number of paper copies of the signed contract to be provided by the Employer is 1 (one).</p>

T2. PART 2: RETURNABLE DOCUMENTS

T.2.1 LIST OF RETURNABLE DOCUMENTS

T2.1.1 The tender includes a variety of documents that must be filled in and returned by the Contractor. Previously, the majority of the Employer's returnable documentation was termed "schedules". This has changed with the separation of schedules, agreements and contract data, and pricing information.

T2.1.2 The following table illustrates the full list of returnable documents. Portions that shall be used during tender evaluation and which portions shall be incorporated into the contract are stated. Please utilize this list as a checklist prior to tender submission to ensure that required returnable documentation has been submitted.

T2.1.3 Pre Qualifier

1. Attendance of compulsory site meeting.
2. Pricing schedules/ BOQ must be fully completed for a sub-commodity.
3. Fully completed Local Content Declaration Forms for each of the designated sectors as provided in Annexure 1 of the Commercial Part.
4. The bid meets the following minimum thresholds:
 - (a) 70% minimum threshold for local production and content for the different types of valves as stipulated in Annexure 2 of the technical document or Exemption from the Minister of Finance in the case of non-compliance to the Local Content threshold - if we are buying
 - (b) 90% minimum threshold for local production and content for the different types of electrical and telecoms as stipulated in Annexure 2 of the technical document or Exemption from the Minister of Finance in the case of non-compliance to the Local Content threshold;
 - (c) 100% minimum threshold for local production and content for the different types of steel value added products and components as stipulated in Annexure 2 of the technical document or Exemption from the Minister of Finance in the case of non-compliance to the Local Content threshold.
5. Tender is targeting the EME or QSE
6. Tenderer must subcontract a minimum of 30% of the value of the contract (if above R30 million) to an EME that is a minimum of 51% blacked owned. Evidence of subcontracting agreement to be submitted.
7. Letter of good standing from the Department of Labour or any other accredited agency if applicable.
8. Form of offer to be completed and signed.
9. Completed and signed declaration of interest register.
10. Each entity must choose only one sub-commodity
11. Only Applicable for **Sub-Commodity 3: Load testing of Cranes and Lifting Equipment** (power driven or hand powered)
 - i. The Tenderer must submit proof that they are an Approved Lifting Machine Entity, registered with the Department of Labour (DOL).
 - ii. The Tenderer must submit their certificate of registration for the various sizes of lifting machine to be tested.
 - iii. The Tenderer must have conducted examination of lifting machinery and lifting equipment and must therefore provide reports of abovementioned examinations conducted in the past.
12. Only Applicable for **Sub-Commodity 1 - 16:**

If agent for an OEM, must provide an accreditation letter from the OEM.

13. Only Applicable for **Sub-Commodity 11: Lifts Maintenance**

If agent for an OEM, must provide an accreditation letter from the OEM

14. Only Applicable for **Sub-Commodity 12: In-Situ Calibration**

- i. Tenderers must submit proof of having a Panametrics PT878 Ultrasonic clamp-on meter as the reference or check meter.
- ii. Tenderers must submit proof of having a minimum of 8 clamp-on units to complete the work within the given timeframe.
- iii. Tender must submit proof that all testing/verification equipment to be used by the Tenderer has been calibrated and a valid calibration certificate (not older than 18 months) from an Accredited Laboratory (SANS 17025) shall be provided.

15. Only Applicable for **Sub-Commodity 22: Fire Protection System-** The Tenderer must meet the following:

- SANS 1475 – Part 1&2 (2010) Mark Permit
- Registration of Service Technicians South African Qualification and Certification Committee for the Fire Industry
- Letter of Good Standing with Department of Labour (COID Act sections 80, 82 and 89).

16. Only Applicable for **Sub-Commodity 27: Canteen Perishables**

- i. Proof of ownership or lease of a refrigerated delivery vehicle

T2.1.4 All documentation listed in Table T2.1.4 below shall form part of the Contract.

Item	Description of document to be returned	Required for tender evaluation	Only required after tender award
T2	Returnable schedules (supplied with the tender document)		
T2.2.1	Dates for delivery and completion	•	
T2.2.2	Clarification Certificate	•	
T2.2.3	Record of Addenda to Tender Documents	•	
T2.2.4	Record of previous experience	•	
T2.2.5	Human Resource Capacity	•	
T2.2.6	Equipment Resource Capacity	•	
T2.2.7	Safety, Health and Environment	•	
T2.2.8	Technical Qualifications to tender	•	
T2.2.9	Project Risk Management	•	
T2.2.10 & T2.2.11	FOB Prices of imported equipment/materials for which foreign exchange would be required and importing charges	•	
	Other Schedules (supplied with the tender document)		
T2.2.12	Declaration of Insurance		•
S.A	Contract Agreement		•

S.B	Letter of Acceptance		•
S.C	Particular Conditions of Contract, Part 2	•	
S.D	Bill of Quantities	•	
S.E	Letter of Tender	•	
S.F	Section I - Annexure C - Local Content Declaration: Summary Schedule for each of the designated products namely valves and actuators, pipes, telecom and electrical cables, and steel value added products and components		
R 1	Required documentation not issued with the tender document:		
R 1.1	A copy of the application Form for registration in terms of the Construction Industry Development Board Act (Form F006) If applicable	•	
R 1.2	Confirmation of tax status and tax pin	•	
R 1.3	Letter of good standing from the Authorized body	•	
R 1.4	Performance Security		•
R 1.5	Resolution Letter for the Main Contractor (a letter authorizing the person completing the tender to sign on behalf of the company)	•	
R 1.6	Resolution Letter for the Subcontractor (a letter authorizing the person completing the tender to sign on behalf of the company)	•	
R 1.7	3 year financial statements (audited where applicable)	•	
R 1.8	Original BBBEE Certificate or the original certified BBBEE certificate	•	
R 1.9	Comprehensive SHERQ Plan (compliance with SHERQ Specification)		•
R 1.10	Written agreement on Safety, Health and Environmental matters		•
R 1.11	Contractors Entry/Access permit If applicable		•
R 1.12	Appointment of responsible person letter If applicable		•
R 1.13	Appointment of Supervisor/SHE representative letter/Legal Appointments		•
R 1.14	Appointment of building work supervisor If applicable		•
R 1.15	Compliance with the Employer's Site SHE Standards checklist If applicable		•
R1.16	Contractors tools and Equipment Inventory		•
R1.17	Staff list		•
R1.18	Site Clearance Certificate If applicable		•
R1.19	Job Creation Report/Statistics (To be submitted Monthly)		•
R1.20	Rehabilitation matters	•	
R1.21	Sub-Commodity3: Load Testing of Cranes and Lifting Equipment. Proof that they are an Approved Lifting Machine Entity, registered with the Department of Labour (DOL).	•	

	Certificate of registration for the various sizes of lifting machine to be tested. The Tenderer must have conducted examination of lifting machinery and lifting equipment and must therefore provide reports of abovementioned examinations conducted in the past.		
R1.22	Sub-Commodity5: Pressure Vessels Copy of Letter from OEM if agent	•	
R1.23	Sub-Commodity 11: Lifts Maintenance Copy of Letter from OEM if agent	•	
R1.24	Sub-Commodity 12: In-Situ Calibration List of In-Situ Calibration Equipment List with proof of calibration within the past eighteen (18) months of this tender’s closing date.	•	
R1.25	Sub-Commodity 22: Fire Protection Proof of registration with the South African Qualification Certification Committee – Fire Industry.	•	
R1.26	Sub-Commodity 27: Canteen – Perishables Proof of ownership or lease/hire of a refrigerated delivery vehicle during period of contract.	•	
Note: Technical information required after tender award is listed in Table T2.1.4 of “Commercial Part” Tender Document			

Table T2.1.4: List of Returnable Documents

T2.1.5 Non-submission of any item listed only under the column “Required for Tender Evaluation” may result in the tender to be rejected by the Employer.

T2.1.6 Attach additional pages if more space is required.

T.2.2 RETURNABLE SCHEDULES

T2.2.1 DATES FOR DELIVERY AND COMPLETION

T2.2.1.1 Bidders will be appointed on the as and when basis. Although access to the site for inspection purposes will become available when work is been awarded to undertake work after the issue of the Site Access Certificate. Separate award will be done to the respective bidder.

Name of Tenderer: _____

Signed by or on Behalf of the Tenderer: _____

Date: _____

T2.2.2 CLARIFICATION CERTIFICATE

This is to certify that I, _____ have:
(Tenderer's Representative – full name)

- Examined the Tendering Procedures, Returnable Documents, Agreements and Contract Data, Pricing Data, Scope of Work, Site Information, Specifications and Drawings for the Contract for which I have submitted this Tender.
- Attended the **Compulsory Site Meeting**.
- Acquainted myself with the site conditions.
- Considered all addenda to tender documents (if applicable) in submission of this tender.
- Read all information relating to the OHS Act requirements of this tender.

Name of Tenderer: _____

Signed by or on behalf of Tenderer: _____

Date: _____

T2.2.3 RECORD OF ADDENDA TO TENDER DOCUMENTS

We acknowledge receipt of communications from the Employer amending the tender documents before the submission of this tender offer. We confirm that these amendments have been taken into account in this tender offer.		
Notice Number	Date	Title or Details
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

Attach additional pages if more space is required

Name of Tenderer: _____

Signed by or on Behalf of the Tenderer: _____

Date: _____

T2.2.4 RECORD OF PREVIOUS EXPERIENCE, QUALITY OF WORKMANSHIP AND SAFETY

The Tenderer shall provide details of at least 3 recently **completed** works (similar to the work set out in this tender). Individuals listed as references must be contactable and willing to provide information relating to the performance of the Tenderer (in terms of safety and health, workmanship, documentation, timeous completion, etc.). In order to verify the quality of workmanship, an inspection of the works may also be undertaken should Rand Water deem it necessary.

1	Description of Works
	Project Title :
	High level project description: :
	Client :
	Contract No. :
	Contract Value (excl. VAT) :
	Role ^(Note 1) :
	Award Date :
	Completion Date :
	Location of Works :
	Project Manager :
	Construction Manager :
	Contact Details of Reference at Client Company
	Name :
	Position Held :
	Tel : Cell :
Fax : email :	
2	Description of Works
	Project Title :
	High level project description: :
	Client :
	Contract No. :
	Contract Value (excl. VAT) :
	Role ^(Note 1) :
	Award Date :
	Completion Date :
	Location of Works :
	Project Manager :
	Construction Manager :
	Contact Details of Reference at Client Company
	Name :

	Position Held :			
	Tel :	Cell :		
	Fax :	email :		
Note 1 – Role refers to the Contractor’s responsibility w.r.t. the claimed experience. For example Single Contractor, Main Contractor but with electrical sub – contractor, Sub – contractor for civil construction etc.				
	Description of Works			
	Project Title :			
	High level project description: :			
	Client :			
	Contract No. :			
	Contract Value (excl. VAT) :			
	Role ^(Note 1) :			
3	Award Date :			
	Completion Date :			
	Location of Works :			
	Project Manager :			
	Construction Manager :			
	Contact Details of Reference at Client Company			
	Name :			
	Position Held :			
	Tel :	Cell :		
	Fax :	email :		
	Description of Works			
	Project Title :			
	High level project description: :			
	Client :			
	Contract No. :			
	Contract Value (excl. VAT) :			
	Role ^(Note 1) :			
4	Award Date :			
	Completion Date :			
	Location of Works :			
	Project Manager :			
	Construction Manager :			
	Contact Details of Reference at Client Company			
	Name :			
	Position Held :			
	Tel :	Cell :		
	Fax :	email :		



TENDER NO. RW01339/17

**TENDER FOR THE OF PANEL FOR MAINTENANCE, REPAIRS AND REFURBISHMENT SERVICES AND THE
SUPPLY OF OPERATIONAL STOCK, TOOLS AND GENERAL SUPPLIES FOR ALL RAND WATER
AREAS OF OPERATIONS FOR A PERIOD OF 3 YEARS**

Note 1 – Role refers to the Contractor’s responsibility w.r.t. the claimed experience. For example Single Contractor, Main Contractor but with electrical sub – contractor, Sub – contractor for civil construction etc.

Name of Tenderer: _____

Signed by or on behalf of Tenderer: _____

Date: _____

T2.2.5 HUMAN RESOURCE CAPACITY SCHEDULE

The aspects covered by T2.2.5.1, T2.25.2 and T2.2.5.3 will be viewed in conjunction with each other to establish an overall picture of the Tenderer's capacity and ability to undertake the work specified in this document.

T2.2.5.1 Project Team Organogram vs. Company Organogram

The Tenderer shall detail in the block below their company organogram and the Resources dedicated to this contract must be clearly indicated. In addition, sub-contractor and Joint-Venture arrangements must be clearly indicated:

cont.

T2.2.5.2 Proposed Team Member List (Internal & External)

Tenderer to also complete skill type over and above the role of each team member that will play a role in successful delivery of the project.

Name (or quantity where not yet identified)	Role	Internal or External Resource	% Utilisation	
			On other Contracts / Work	On this Contract/ Work

cont...

T2.2.5.3 List of Current Contracts (Work Load)

Contract or Work Title	Client	Contract Value (excl. VAT)	Role ^{NOTE 1}	Progress
				Award Date: Completion Date: % Complete: Stage ^{NOTE2} :
				Award Date: Completion Date: % Complete: Stage ^{NOTE2} :
				Award Date: Completion Date: % Complete: Stage ^{NOTE2} :
				Award Date: Completion Date: % Complete: Stage ^{NOTE2} :

NOTES

1. Role refers to the Contractor's responsibility w.r.t. the claimed experience for example Single Contractor, Main Contractor but with Electrical subcontractor, Sub-contractor for civil construction etc.
2. Stage refers to the current stage of the work (example design, procurement, construction, installation, commissioning, handed over, in Defects Liability Period etc.)
3. Attach additional signed copies of this schedule if insufficient space is available.

Name of Tenderer: _____

Signed by or on behalf of Tenderer: _____

Date: _____

T2.2.6 EQUIPMENT RESOURCE CAPACITY (EQUIPMENT)

The following are lists of major items of relevant equipment that are presently owned / leased / hired or planned to be purchased / leased / hired and will be available for this contract if the tender is accepted:

Qty	Equipment Description (including capacity/size etc)	Currently Own / Currently Lease or Hire / Plan to Purchase / Plan to Lease or Hire	% Utilisation	
			On other Contracts / Work	On this Contract/ Work

I, the Tenderer, guarantee that all the above listed equipment is readily available and/or will be provided when required on the works and maintained on the site in good condition and working order.

Name of Tenderer: _____

Signed by or on behalf of Tenderer: _____

Date: _____

T2.2.7 SAFETY, HEALTH, AND ENVIRONMENT

T2.2.7.1 Safety and Health Policy

Tenderers shall submit a copy of their company’s internal Safety and Health Policy

T2.2.7.2 Safety, Health and Environment (SHE) Plan

Tenderers shall submit the project specific SHE plan as per the project specific SHE Specification

T2.2.7.3 Safety, Health and Environment (SHE) Risk assessment

Tenderers shall submit the project specific SHE risk assessment.

T2.2.7.4 Construction Health and Safety Manager / or Officer

Tenderers shall submit the details of the name and particulars of the person proposed to be appointed as the Construction Health and Safety Manager/or Officer (include proof of registration with SACPCMP).

T2.2.7.5 DIFR Status

Tenderers shall furnish their DIFR Status for 2 years in the table below, based on the following formula.

$$DIFR \text{ (annual)} = \frac{(\text{Number of Disabling Injuries})(200000)}{(\text{Number of Hours Worked})}$$

Number of Hours Worked (annual) = Total Number of Employees x Average Hours Worked per Employee per Year

	Current Year	Last Year
Number of Disabling Injuries		
Total Number of Employees		
Average Hours Worked per Employee per Year		
Number of Hours Worked per Year		
Calculated DIFR		

Table T2.2.7: Safety, Health, and Environment

Name of Tenderer: _____



Signed by or on behalf of Tenderer: _____

Date: _____

T2.2.9 PROJECT RISK MANAGEMENT

Project Risk Management Register for Contract Please fill in the blank columns labelled Response Strategy and Response Action for each Risk Event listed in the table below:											
Risk Identification								Qualitative Risk Assessment		Risk Response Plan	
#	RMP No.	Risk Category	Risk Event	Cause	Effect	Threat or Opportunity	Primary Objective	Probability	Impact	Response Strategy	Response Actions
1	Human Resources	High Staff turn-over	Un-attractive work conditions	Lack of continuity on projects	Threat	Maintain continuity	Medium	Medium			
2	Project Management	Failure to effectively supervise works	Inexperienced personnel	Poor quality workmanship	Threat	Quality supervision	Medium	High			
3	Contract Management	Failure to enforce conditions of contract	Poor judgment/lack of skills	Claims/ Contract Variations	Threat	Contract Administration	Medium	High			

Project Risk Management Register for Contract											
Please fill in the blank columns labelled Response Strategy and Response Action for each Risk Event listed in the table below:											
Risk Identification								Qualitative Risk Assessment		Risk Response Plan	
Item No.	Risk Category	Risk Description	Consequences	Threat	Impact	Probability	Overall Risk	Response Strategy	Response Action	Response Strategy	Response Action
4	Operational – Maintenance, Repairs and Refurbishments	Use of handtools	1. Use of wrong tools 2. Slipping of tools 3. Tools not fitting properly	1. Eye/hand injuries 2. Lacerations and cut wounds 3. Hand and finger injuries	Threat		Medium	Medium			
5	Security of Supply	Not being able to meet delivery	1. No stock in country 2. Rapid Increase in cost drivers	4. Plant Stops	Threat		High	High			

SECTION E
EMPLOYER'S REQUIREMENTS

SPECIFICATIONS

INDEX

Part No.	Specification Reference
1.	Scope of Work
2.	Site Rules & Regulations

Part 1: SCOPE OF WORK

PART 1: SCOPE OF WORK

MAINTENANCE, REPAIRS AND REFURBISHMENT SERVICES

Framework Agreement

The maintenance repairs and refurbishment services under the framework agreement include but are not limited to the following:

- MV Motors, LV Motors and Submersible Pumps
- Switch Gear, Cabling, Relay, Electrical Metering and Protection (LV and MV)
- Load Testing of Cranes and Lifting Equipment
- Extraction Fans, Workshop Machines Repairs and Supply of Associated Tools
- Pressure Vessels Maintenance (i.e. Blowers, Compressors, Chlorine Plant, Water hammer) - AIA
- Measuring Equipment (AIA)
- Engine Overhaul Service and Spares
- Auto Electrical Repairs
- Variable Speed Drives Maintenance
- Lifts Maintenance and Associated Spares
- In-situ calibration and verification of bulk customer meters
- Pumps Repairs and Refurbishments
- Hydraulic, Pneumatic and Lubrication Systems
- Transformer Oil Sampling
- Pump Rotation Elements
- Servicing and Maintenance of Medical Equipment

The appointed contractor will be responsible for the execution of various projects in various disciplines, this will include among other things:

<p>Sub-Commodity I MV Motors (including Coolers)</p>	<p>MV Motor:</p> <p>Supplier Responsibilities -</p> <ul style="list-style-type: none"> • Strip, wash and dry all motor components. • Perform stator winding and stator core tests (e.g. PI, IR, winding resistance, EL CID etc. on) • Perform Rotor bar and rotor core test (bar to bar, EL CID) • Check all components (heaters, PT100's, terminal box etc.) • Check bearings (Sleeves and Housing). Perform bearing tests. • Perform pressure test on Cooler • Repair defects and Re-test • Analyse results and compile report • Comply with all site safety rules and regulations • Comply with any OHS Act requirements.
<p>Sub-Commodity 1 LV Motors and Submersible Pumps</p>	<p>LV Motors & Submersible:</p> <p>Supplier Responsibilities -</p> <ul style="list-style-type: none"> • Strip, wash and inspect for faults • Perform Electrical test on Rotor bar • Perform Electrical tests on Stator • Check Mechanical parts and repair (Bearings, seals, impeller etc.) • Repair defects found and Re-test • Analyse results and compile report • Comply with all site safety rules and regulations • Comply with any OHS Act requirements.
<p>Sub-Commodity 2 Switch Gear - Cabling, Relay, Electrical Metering and Protection (LV and MV)</p>	<p>Switch Gear Cabling</p> <p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • Test cable • Repair defects found • Compare cables to be as per electrical drawing • Comply with all site safety rules and regulations • Comply with any OHS Act requirements. <p>Electrical Metering</p> <p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • Test Instruments used for metering

	<ul style="list-style-type: none"> • Repair or replace instruments • Comply with all site safety rules and regulations • Comply with any OHS Act requirements. <p>Relay (Protection)</p> <p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • Comply with all site safety rules and regulations • Comply with any OHS Act requirements • Test Relays (Secondary injection, proving tripping time etc.) • IED relays <p>Breakers</p> <p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • Comply with all site safety rules and regulations • Comply with any OHS Act requirements • Perform breaker function tests (Tripping, closing and No Volt Coil, speed tests etc.) • Analyse test results • Replace defective components • Compile Report
<p>Sub-Commodity 3 Load testing of cranes and lifting equipment (AIA)</p>	<p>Load testing of cranes and lifting equipment (AIA):</p> <p>Supplier Responsibilities-</p> <p>6 Monthly Inspections</p> <ul style="list-style-type: none"> • Visual examination • Dimensional examination functional or • Operational test Open-up examination • Electrical test and examination • Non-destructive test <p>12 Monthly Thorough Inspection</p> <ul style="list-style-type: none"> • Pre-Inspection Function Test • Safe Working Load and Identification Number • Hydraulics • All Mechanical Components • Control Station, Cab and Controls • Safety Systems and Function Test • Electricals <p>Documentation</p> <ul style="list-style-type: none"> • Crane manuals and copies of the crane maintenance schedules and maintenance records. • Certificate of test for replacement parts • Load testing certificate stating specified and actual breaking load

	<ul style="list-style-type: none"> • Certificate/Report after Load testing or Inspection is completed • Comply with all site safety rules and regulations • Comply with any OHS Act requirements
<p>Sub-Commodity 4: Extraction fans, Workshop machines and Associated Spares, battery systems</p>	<p>Extraction Fans</p> <p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • Bearing inspections and replacements • Motors should be checked for operation efficiency and repaired or replaced when they begin to fail • Inspect blades for imbalance • Replace fan shafts as they break and test for balance • Inspect and replace extraction filters • Comply with all site safety rules and regulations • Comply with any OHS Act requirements. <p>Workshop Machines</p> <p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • Types of machines to be replaced or purchased (Asset number to be used when replacing) • Specifications of a particular machine requested to be considered • The machine size to be according to the operational requirements • Safe working procedure file to be submitted (Data Pack) • Comply with all site safety rules and regulations • Comply with any OHS Act requirements. <p>Battery Maintenance</p> <p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • Maintain proper electrolyte levels; • Ensure battery is performing at manufacturer specifications; or • Replace battery as necessary • Comply with all site safety rules and regulations • Comply with any OHS Act requirements. <p>Associated Spares</p> <p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • Correct tool description • Tool specifications • Calibration of measuring tool and supply certificates • Repair and replace defective tools
<p>Sub-Commodity 5:</p>	<p>Pressure Vessels</p>

<p>Pressure Vessels (i.e. Blowers, Compressors, Chlorine plant, Water hammer) – AIA</p>	<p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • Inspections Pressure (internal & External) Welded seams, Nozzles, Areas adjacent to welds Vessel, connections, External fittings and controls • Service and repair any defects • Paint using the correct colour coding standards • Pressure test the equipment according test specifications • Issue the relevant documentation e.g. Test certifications • Installation follow the design documentation Quality assurance e.g. Material Code requirements (Specifications, installation inspection) Manufacturer’s recommendations. Pressure testing, performance testing and acceptance testing. • Documentation (all relevant certificates must be supplied) • Comply with all site safety rules and regulations • Comply with any OHS Act requirements. <p>Compressors, Evaporators and Blowers</p> <p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • Service (Running hours for major or minor inspections, Performance test) • Repairs (Replacing filters, bearings, oil, V-belts and gears etc.) • A detailed service report must be submitted • Comply with all site safety rules and regulations • Comply with any OHS Act requirements. <p>*Compressor types and OEM to be considered</p>
<p>Sub-Commodity 6 Calibration of Measuring Equipment (AIA)</p>	<p>Calibration of Measuring Equipment (AIA)</p> <p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • Calibrate measuring equipment as per SABS standard and provide certificate • Repair and replace defective components • Comply with all site safety rules and regulations • Comply with any OHS Act requirements.
<p>Sub-Commodity 7 Engine Overhaul Services and Spares</p>	<p>Engine Overhaul Services and Spares</p> <p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • All replacement parts shall have a minimum of a one (1) year warranty • Warranty all repairs for 30 days • Obtain prior approval from Rand Water prior to replacing parts

	<ul style="list-style-type: none"> • Provide only qualified, experienced or manufacturer certified repair resources for the maintenance and repair services to conduct the following: <p style="margin-left: 40px;">CRANK:</p> <ul style="list-style-type: none"> • Strip & repair • Chemical clean • Crack detect • Grind & Check Main journals • Journals Check & Grind • Polish Crank Journals • Straighten crank (where applicable) • Build - up Seal & Grind <p style="margin-left: 40px;">CON-RODS</p> <ul style="list-style-type: none"> • Resize Conrod B/E Housings. • Check Con Rods • Align Rods only • Fit & Machine Small Ends & Align • Resize S.E. Bosses • Fit Pistons to Rods <p style="margin-left: 40px;">CYL BLOCK –</p> <ul style="list-style-type: none"> • Pressure test & stitch (where applicable) • Face Valves • Face Seats • Face Tappets • Fit Inserts • Fit Guides • Ream Guides • Skim Head • Lap/assemble • Set tappets • Strip & Decarbonise <p style="margin-left: 40px;">HEADS</p> <ul style="list-style-type: none"> • Rebore Cylinders • Remove & fit wet or dry liners • Hone Cylinders only • Resize Camshaft Mains • Check & Fit Main Bearings only • Fit & check Cams • Overhaul & Reset Injector Pump • Overhaul and Reset injectors • Assemble engine • Machine Piston Heights
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	<ul style="list-style-type: none"> • Miscellaneous Items not listed above • Dyno Test Engine
Sub-Commodity 8 Auto Electrical Repairs	Variable Speed Drives Supplier Responsibilities- <ul style="list-style-type: none"> • Replace defective components
Sub-Commodity 9 Variable Speed Drives Maintenance	Variable Speed Drives Maintenance Supplier Responsibilities- <ul style="list-style-type: none"> • Strip and repair the VSD unit • Identify defective components/parts • Repair or replace components and conduct performance tests • Compile performance test report • Install and commission the VSD unit on site
Sub-Commodity 10 Lifts Maintenance and Associated Spares	Lifts Maintenance and Associated Spares including Lift Intercoms Supplier Responsibilities- <ul style="list-style-type: none"> • Contractor shall provide all qualified personnel, transportation, equipment, replacement parts, tools and supplies necessary to perform maintenance and repair services as required on the equipment in use • Equipment shall be maintained or repaired to meet the manufacturer's recommended performance standards • Provide only qualified, experienced or manufacturer certified repair technicians for the maintenance and repair services • Report to designated Rand Water personnel upon; arrival at the operations, completion of maintenance and repair service, and departure from the respective operation. • Visual inspection of the entire equipment including all equipment supports and mountings, and notify Rand Water personnel if evidence of: <ul style="list-style-type: none"> ○ Damage ○ Leakage ○ Improper ventilation • Comply with all site safety regulations • Comply with applicable OHS Act requirements
Sub-Commodity 11 In-Situ Calibration and Verification of Bulk Customer Meters	Supplier Responsibilities- <ul style="list-style-type: none"> ▪ Conduct in-situ verification of 55 customer meters within Rand Water's distribution network as per the schedule provided.

	<ul style="list-style-type: none"> ▪ Service providers must use a Panametrics PT878 Ultrasonic clamp-on meter as the reference / check meter. ▪ Each meter verification test report SHALL include the following details i.e.: meter number, meter size, pipeline size, H.O ref number, customer name, meter name, start reading, end-reading, date and the percentage deviation. ▪ Each meter must be tested for a minimum period of 24 hours. The Service Provider may be requested to retest any meter, at no additional cost, should any concerns with regards to the tests be raised by Rand Water. ▪ The Service Provider's quote shall make provision for travelling to the respective 55 meter sites. These costs must be incorporated into the quotation. ▪ All testing equipment used by Service Providers must be calibrated and a valid calibration certificate (not older than 18 months) from an accredited laboratory (SANS 17025) shall be provided for such instrument before the work can commence. ▪ The service provider must also be willing to have test units checked by the Rand Water customers should there be a need to do so. ▪ All 55 sites shall be completed within 2 weeks, no extensions will be granted. ▪ Service Providers shall supply their own equipment and transport for this project. ▪ Service Providers shall provide a technical report for each test. This report should include all the relevant data pertaining to each meter and the findings thereof. ▪ Service Providers shall provide a list of any on-site access challenges where tests cannot be carried out due to environmental or safety concerns. ▪ Should any of the meter chambers be full of water, the contractor will be required to pump out the water with their own pumping equipment. <p>The contractor is strongly advised to comply with the Occupational Health and Safety Act and regulations of 1993 when embarking on this project</p>
<p>Sub-Commodity 12 Pumps (i.e. Dosing, Sludge etc.) Repairs and Refurbishments</p>	<p>Pumps (Non OEM Repairs and Refurbishments Repairs</p> <p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • Strip and repair on components to be repaired or replaced • Replace Impeller size and type, shape and material • Replace shaft size and material • Replace Mechanical seal type, size and make • Replace Bearing sizes and types

	<ul style="list-style-type: none"> • Replace Specifications and operational requirements of the pump • Comply with all site safety regulations • Comply with OHS act requirements where applicable.
<p>Sub-Commodity 13 Hydraulic, Pneumatic and Lubrication Systems</p>	<p>Hydraulic Systems</p> <p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • Service and repair hydraulic pack (Visually inspect hoses regularly and replace if damaged). • Check for leaks with a piece of cardboard. • Pressure test. Considering the working and Operating pressure • Documents to submitted. (Pressure testing certificates) • Comply with all site safety regulations • Comply with OHS act requirements where applicable. <p>Pneumatic Systems</p> <p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • Strip and Repair Pneumatic cylinders • Service and Repair (e.g. remove seals and shaft and replace if necessary) • Pressure test • Test for operation • Documents to be submitted after pressure testing • Comply with all site safety requirements • Comply with OHS Act if applicable <p>Lubrication Systems</p> <p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • Service and Repair e.g. Hydraulic pack, non-return and electric pump • Comply with site safety requirements • Comply with OHS Act if applicable.
<p>Sub-Commodity 14 Transformer Oil Sampling</p>	<p>Transformer Oil Sampling</p> <p>Supplier Responsibilities-</p> <p>Perform the following tests:</p> <ul style="list-style-type: none"> ○ Dissolved gas analysis ○ Dielectric ○ Moisture ○ PCB

	<ul style="list-style-type: none"> ○ Furanic ○ Acidity <ul style="list-style-type: none"> ● Use accredited lab in terms of OHS Act for the oil sampling ● Comply with all site safety requirements ● Comply with OHS Act if required.
Sub-Commodity 15 Pump Rotation Elements	Pump Rotation Elements (actuators) Maintenance Supplier Responsibilities- <ul style="list-style-type: none"> ● Strip and repair condition of the rotating element components i.e. (Rotor, casings etc.) ● Repair or replace defective components ● Re-assemble the rotating element and conduct performance test ● Provide performance test certificate ● Install and commission the rotating element on site
Sub-Commodity 16 Serving and Maintenance of Medical Equipment	Serving and Maintenance of Medical Equipment Supplier Responsibilities- <ul style="list-style-type: none"> ● To service the medical equipment as per service manual and requirements.

SPARES

The Sub-Commodity under Spares include but are not limited to the following:

- Vehicle Spares, Supplies and Services
- Mechanical Spares
- Electrical Spares
- Metres and Metre Spares

Sub-Commodity 17 Vehicle Spares, Supplies and Services	Vehicle Spares, Supplies and Services Supplier Responsibilities- <ul style="list-style-type: none"> ● Adhere to specifications ● Delivery within 7 days of receiving purchase order ● Deliver full loads as per purchase order and not partial loads ● Adequately transport spares ● Comply with all site rules and regulations ● Comply with all OHS Act regulations and UN Safety standards ● Provide certificate of origin which must be in English with delivery if requested by Rand Water
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	<ul style="list-style-type: none"> • Provide safety data sheets which must be in English with the delivery if requested by Rand Water.
<p>Sub-Commodity 18 Mechanical Spares</p>	<p>Mechanical Spares</p> <p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • Adhere to specifications • Delivery within 7 days of receiving purchase order • Deliver full loads as per purchase order and not partial loads • Adequately transport spares • Comply with all site rules and regulations • Comply with all OHS Act regulations and UN Safety standards • Provide certificate of origin which must be in English with delivery if requested by Rand Water • Provide safety data sheets which must be in English with the delivery if requested by Rand Water. • Reconditioning of white metal bearing and thrust pads • Supply new bearings according to types and applications • Supply of bearing lubricants according to types and applications.
<p>Sub-Commodity 19 Electrical Spares</p>	<p>Electrical Spares</p> <p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • Adhere to specifications • Delivery within 7 days of receiving purchase order • Deliver full loads as per purchase order and not partial loads • Adequately transport spares • Comply with all site rules and regulations • Comply with all OHS Act regulations and UN Safety standards • Provide certificate of origin which must be in English with delivery if requested by Rand Water • Provide safety data sheets which must be in English with the delivery if requested by Rand Water.
<p>Sub-Commodity 20 Supply, Delivery of Metres and Metre Spares</p>	<p>Supply, Delivery of Metres Spares</p> <p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • Adhere to specifications • Delivery within 7 days of receiving purchase order • Deliver full loads as per purchase order and not partial loads • Adequately transport spares • Comply with all site rules and regulations

	<ul style="list-style-type: none">• Comply with all OHS Act regulations and UN Safety standards• Provide certificate of origin which must be in English with delivery if requested by Rand Water• Provide safety data sheets which must be in English with the delivery if requested by Rand Water.
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GENERAL STOCK AND SERVICES

The General Stock and Services Sub-Commodity includes but not limited to the following:

- Fire Protection System Maintenance
- CCTV
- General Building Maintenance
- Fence Maintenance

<p>Sub-Commodity 21 Fire Protection System Maintenance and Supply of Equipment and Spares</p>	<p>Fire Protection System Maintenance and Supply of Equipment and Spares</p> <p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • Confirm receipt of Purchase Order • Supply, install and maintenance of required and available fire protection systems. • Supply of spares • Comply with site safety • Comply with all OHS Act requirements • Ensure Rand Water complies with all legislative requirements.
<p>Sub-Commodity 22 Security Systems</p>	<p>General Building Maintenance</p> <p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • Provide spares as per specification • Installation of new equipment's • Comply with all site safety requirements • Comply with OHS Act if required.
<p>Sub-Commodity 23 Gas</p>	<p>Gas</p> <p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • Adhere to specifications • Delivery within 7 days of receiving purchase order • Deliver full loads as per purchase order and not partial loads • Adequately transport spares • Comply with all site rules and regulations • Comply with all OHS Act regulations and UN Safety standards • Provide certificate of origin which must be in English with delivery if requested by Rand Water • Provide safety data sheets which must be in English with the delivery if requested by Rand Water.
<p>Sub-Commodity 24 Garden Supplies and Horticulture Services</p>	<p>Garden Supplies and Horticulture Services</p> <p>Supplier Responsibilities-</p>

	<ul style="list-style-type: none"> • Adhere to specifications • Delivery within 7 days of receiving purchase order • Deliver full loads as per purchase order and not partial loads • Adequately transport spares • Comply with all site rules and regulations • Comply with all OHS Act regulations and UN Safety standards • Provide certificate of origin which must be in English with delivery if requested by Rand Water • Provide safety data sheets which must be in English with the delivery if requested by Rand Water.
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General Supplies

General Supplies includes but not limited to:

- Chemical and General Cleaning Supplies
- Canteen - Perishables
- Canteen – General Supplies
- Office Equipment and Stationery
- Medical Supplies

<p>Sub-Commodity 25 Chemical and General Cleaning Supplies</p>	<p>Chemical Cleaning</p> <ul style="list-style-type: none"> • Supply the list and specifications of applicable spares • Ensure that the purchase order states the geographical location. • Check goods against specifications • Reject goods that do not meet specifications • Reject goods if a request was made to provide a certificate of origin certificate and safety data sheet with the delivery and the supplier did not provide • Accept and timeously capture the receipt of the goods on the system and email the supplier the goods receipt number. <p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • Adhere to specifications • Delivery within 7 days of receiving purchase order • Deliver full loads as per purchase order and not partial loads • Adequately transport goods • Comply with all site rules and regulations • Comply with all OHS Act regulations and UN Safety standards • Provide certificate of origin which must be in English with delivery if requested by Rand Water • Provide safety data sheets which must be in English with the delivery if requested by Rand Water.
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<p>Sub-Commodity 26 Canteen - Perishables</p>	<p>Canteen - Perishables</p> <p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • Adhere to specifications • Delivery within 7 days of receiving purchase order • Deliver full loads as per purchase order and not partial loads • Make use of refrigerated vehicle only for deliveries. • Comply with all site rules and regulations • Comply with all OHS Act regulations and UN Safety standards • Provide certificate of origin which must be in English with delivery if requested by Rand Water • Provide safety data sheets which must be in English with the delivery if requested by Rand Water.
<p>Sub-Commodity 27 Canteen – General Supplies</p>	<p>Canteen - Resale Goods</p> <p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • Adhere to specifications • Delivery within 7 days of receiving purchase order • Deliver full loads as per purchase order and not partial loads • Adequately transport supplies • Comply with all site rules and regulations • Comply with all OHS Act regulations and UN Safety standards • Provide certificate of origin which must be in English with delivery if requested by Rand Water • Provide safety data sheets which must be in English with the delivery if requested by Rand Water.
<p>Sub-Commodity 28 Office Equipment and Stationery</p>	<p>Office Equipment</p> <p>Supplier Responsibilities-</p> <ul style="list-style-type: none"> • Adhere to specifications • Delivery within 7 days of receiving purchase order • Deliver full loads as per purchase order and not partial loads • Adequately transport supplies • Comply with all site rules and regulations • Comply with all OHS Act regulations and UN Safety standards • Provide certificate of origin which must be in English with delivery if requested by Rand Water • Provide safety data sheets which must be in English with the delivery if requested by Rand Water.

<p>Sub-Commodity 29 Medical Supplies</p>	<p>Medical Supplies</p> <p>Supplier Responsibilities-</p> <ul style="list-style-type: none">• Adhere to specifications• Delivery within 7 days of receiving purchase order• Deliver full loads as per purchase order and not partial loads• Adequately transport supplies• Comply with all site rules and regulations• Comply with all OHS Act regulations and UN Safety standards• Provide certificate of origin which must be in English with delivery if requested by Rand Water• Provide safety data sheets which must be in English with the delivery if requested by Rand Water.
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Part 2 -SITE RULES & REGULATIONS

SITE BOUNDARIES

The Contractor shall confine his activities to the area in the vicinity of designated sites, which is fenced and the actual boundaries of the site will be pointed out by the Project Manager. The Contractor shall not extend his activities outside the boundaries unless the Project Manager has specifically authorised the extension in writing

SITE ACCESS

A Site Access Certificate will be required before the Contractor is granted access to site. Please see Additional Particular Conditions of Contract for details of this certificate and where to obtain it.

POSSESSION OF SITE

The written order to commence the work will be deemed to give the Contractor possession of the site. In the event of any portion of the work or completion of the contract being delayed due to the Employer delaying the Contractor in taking possession of the site, an extension of time may be allowed by the Project Manager. The Employer shall not be liable for any payment in respect of such delays.

ACCOMMODATION ON SITE

No housing is available. The Contractor's employees will not be allowed to be accommodated on the site.

The Contractor shall erect, maintain and remove on completion of the work, ample temporary offices and sheds to the Project Manager approval, for proper storage of perishable and other materials and for the use of the workmen.

LATRINES

The Contractor shall provide for the duration of the contract, latrine accommodation on the site in the form of chemical closets for the use of persons employed on the works. All latrine accommodation provided by the Contractor shall be efficient, sanitary and non-offensive and all sanitary fees payable to any local authority shall be paid by the Contractor.

ACCESS ROADS

The Contractor shall be liable for all unnecessary and unreasonable damage caused by his equipment and/or transport to the access roads and fences. The cost of repair and reinstatement of unnecessary and unreasonable damage to these roads and fences will be deducted from moneys due to the Contractor.

SERVICES ON SITE

A sufficient supply of water is available at a convenient point at the sites from which the Contractor shall be responsible for the distribution of water.

The Contractor shall be entitled to use, for the purpose of carrying out the installation, such supplies of electricity and water as may be available on the sites, but shall provide, at his own expense, any apparatus necessary for such uses; no charge will be made for these facilities. The

supply of electric power is limited to the use of small tools only (3 kVA); welding machines and similar equipment shall be engine driven. The actual supply of these services is not guaranteed.

There is no compressed air available on the site.

SITE SECURITY

The sites are subject to strict security control and the Contractor and his work staff shall comply fully with any requirements imposed by the Employer's security personnel. Permits, issued by the Manager of the site, are required for admission to the sites and, before starting work on the sites, the Contractor shall make arrangements with the Engineer for the issue of the necessary permits for himself and his employees. For purposes of identification, all personnel will be required to carry their identity documents and shall show these, on request, either at entry to the Designated Pumping Station or within the Pumping Station site. The Contractor and his employees will be confined to the site, and the access roads listed above and action will be taken against anyone outside the prescribed areas.

CLEANING UP OF WORKS AND SITE

The Contractor shall maintain the whole of the site in a clean and orderly condition, to the satisfaction of the Engineer. On completion of the work the Contractor shall tidy up the site to the satisfaction of the Engineer; all temporary buildings shall be dismantled and removed; all surplus material, debris etc. shall be carted away and the whole site shall be left in a neat and orderly condition.

INDUCTION

The Contractor shall be responsible for acquainting him or herself with and attending any safety induction courses presented at the applicable sites.

The Contractor shall supply the following documentation to the Employer's Representative, which will be sent to the relevant sites prior to induction;

- ID copies of all the personnel that will be working on site,
- Valid Letter of Good standing (COID certificate) from the Workman Compensation,
- All the signed appointment letters as per construction regulation. E.g. Building work Supervisor, Scaffolding Inspector, Safety Officer /Representative, etc.
- Signature of the Engineer or the Employer's Representative in charge of the contract,
- Initials on each page by the Contractor in charge of the Contract,
- Tool list,
- Candidates to be present for the Induction,
- Health and Safety plan, and
- Risk Assessment plan.

ANNEXURE A

LOCAL CONTENT