



# REQUEST FOR BID RFB – SUPPLY AND DELIVERY

Form No: RW SCM 00047 F  
Revision No: 05  
Effective Date: 28 June 2022

**BID NUMBER: RW10398090/22**

## THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

<b>ISSUE DATE:</b>	31 OCTOBER 2022	
<b>NON-COMPULSORY BRIEFING SESSION DATE:</b>	TUESDAY, 8 NOVEMBER 2022	AT 10 :00 AM
<b>BRIEFING SESSION VENUE:</b>	RAND WATER HEAD OFFICE 522 IMPALA ROAD GLENVISTA	
<b>CLOSING DATE:</b>	FRIDAY, 28 NOVEMBER 2022	AT 12 :00 PM
<b>SITE VIEWING DATE/S:</b>	REFER TO T1.1 BID NOTICE AND INVITATION	

BIDDER INFORMATION			
<b>BIDDER NAME</b>			
<b>POSTAL ADDRESS</b>			
<b>STREET ADDRESS</b>			
<b>TELEPHONE NUMBER</b>	<b>CODE</b>		<b>NUMBER</b>
<b>CELLPHONE NUMBER</b>			
<b>E-MAIL ADDRESS 1</b>			
<b>E-MAIL ADDRESS 2</b>			
<b>VAT REGISTRATION NUMBER</b>			
<b>SUPPLIER COMPLIANCE STATUS</b>	<b>TAX COMPLIANCE SYSTEM PIN:</b>		<b>CENTRAL SUPPLIER DATABASE No:</b> MAAA.....
<b>B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE</b>	[TICK APPLICABLE BOX]  <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>B-BBEE STATUS SWORN AFFIDAVIT (EMEs and QSEs)</b>	[TICK APPLICABLE BOX]  <input type="checkbox"/> Yes <input type="checkbox"/> No

BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:			
BUYER		SOURCING MANAGER	
<b>CONTACT PERSON</b>	Mpolokeng Mtimkulu	<b>CONTACT PERSON</b>	Aphilile Thuntulwane
<b>TELEPHONE NUMBER</b>	(016) 430 8679	<b>TELEPHONE NUMBER</b>	(011) 682 7010
<b>E-MAIL ADDRESS (Submissions must be made to this address)</b>	mpmtimku@randwater.co.za	<b>E-MAIL ADDRESS</b>	athuntul@randwater.co.za

**TABLE OF CONTENTS**

SECTION A: BID ..... 3

    PART T1: BIDDING PROCEDURES ..... 3

        T1.1. BID NOTICE AND INVITATION TO BID ..... 3

        T1.2. BID DATA ..... 5

        T1.3. EVALUATION CRITERIA ..... 9

    PART T2: RETURNABLE DOCUMENTS ..... 13

        T2.1. LIST OF RETURNABLE DOCUMENTS ..... 13

        T2.2. RETURNABLE SCHEDULES ..... 16

SECTION B: CONTRACT ..... 58

    PART C1: AGREEMENT AND CONTRACT DATA ..... 58

        C1.1. FORM OF OFFER AND ACCEPTANCE ..... 58

        C1.2. CONTRACT DATA ..... 62

    PART C2: PRICING DATA ..... 81

        C2.1. PRICING ASSUMPTIONS ..... 81

        C2.2. PRICING SCHEDULES / BILLS OF QUANTITIES (BoQ) ..... 82

    PART C3: SCOPE OF WORK ..... 85

        C3.1. DATES FOR DELIVERY AND COMPLETION ..... 85

        C3.2. SCOPE OF WORK ..... 86

    PART C4: SITE INFORMATION ..... 105

        C4. SITE INFORMATION ..... 105

**SECTION A: BID**

**PART T1: BIDDING PROCEDURES**

**T1.1. BID NOTICE AND INVITATION TO BID**

Rand Water invites bids for the Supply and Delivery of Disinfection Chemicals to Rand Water's Various Plants for a period of Five (5) years. The disinfection chemical bid document comprises of Part A and Part B:

**Part A:**

The supply and delivery of chlorine to Rand Water's primary and secondary disinfection plants, Vereeniging and Zuikerbosch Water Treatment Plants, Zwartkopjes, Eikenhof, Palmiet and Mapleton Booster Pumping Stations, Vaaloewer and Vaal Marina Water Treatment Works, Sebokeng, Rietspruit and Leeuwkuil Waste Water Treatment Works

**Part B:**

The supply and delivery of sodium hypochlorite to Rand Water's tertiary disinfection plants, Sasolburg, Trichardt, Wildebeesfontein, Daleside, Hartebeeshoek and Cullinan Tertiary Pumping Stations.

The bidder is required to respond to both part A and B. In line with Rand Water's risk mitigation strategy, chlorine and sodium hypochlorite must be sourced from one manufacturer.

The technical requirements are fully stated in the bid documentation. Potentially emerging or other enterprises that satisfy criteria stated in the Bid Data portion of the document may submit their bid offers.

<b>Procurement Procedure</b>	Rand Water uses a single volume approach.
<b>Awarding Strategy</b>	The maximum number of suppliers to be awarded this bid is <b>02</b> .
<b>Access to the Bid Documents</b>	<p>The bid documents are downloadable on the National Treasury e-Tender Publication portal which can be accessed through the following link: <a href="http://www.etenders.treasury.gov.za">http://www.etenders.treasury.gov.za</a>.</p> <p>No bid documents will be issued to Contractors at site meetings. Please ensure that bid documents have been downloaded from the National Treasury e-Tender Publication portal prior to the site meeting date.</p> <p>Bids shall only be submitted on the bid documentation that is issued by the Employer. This bid document (as issued through the National Treasury e-Tender Publication portal) must be submitted in full together with the returnable documents.</p>
<b>Bid Clarifications</b>	<p>Bidders can seek clarification by no later than <b>fifteen (15)</b> calendar days before the bid closing date.</p> <p>Rand Water will provide a final response on clarifications by no later than <b>ten (10)</b> calendar days before the closing date.</p>
<b>Bid Addenda</b>	Rand Water shall issue addenda, where applicable, by no later than <b>ten (10)</b> calendar days before the closing date. Bid addenda will be published on the eTender Publication Portal.
<b>Bid Submission Location</b>	Bids must be submitted before or on closing date and time at the following address: <i>Rand Water Head Office   522 Impala Road   Glenvista   2058 (in the Bid Submissions Box at the Main Gate)</i>
<b>Bid Validity</b>	<p>To be valid for <b>180</b> days after closing date</p> <p>Rand Water reserves the right to extend the validity period for a period reasonable for business requirements.</p>

**THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS**

<p><b>Subcontracting</b></p>	<p>Bidders must utilise the National Treasury's Central Supplier Database (CSD) for identification of potential subcontractors from the pool of EMEs or QSEs to advance designated groups.</p> <p>The responsibility to subcontract with competent and capable sub-contractors rests with the main contractor/ supplier.</p> <p>As far as possible, the bidder must consider subcontractors from the area/s where the project will be taking place.</p>
<p><b>Site Viewing Date/s, Time and Venue</b></p>	<p><b>Not Applicable</b></p>

**T1.2. BID DATA**

The Standard Conditions for Bidding are outlined below and must be read in conjunction with the applicable procurement legislative prescripts:

CLAUSE NUMBER	BID DATA
T1.2.1	The Employer is Rand Water.
T1.2.2	The bid documents issued by the Employer are detailed on the contents page of this bid document.
T1.2.3	The Employer's Representative/s is stated on the cover page of this bid document.
T1.2.4	The Employer shall evaluate this bid in accordance with the evaluation criteria stated in this bid.
T1.2.5	The arrangement for a non-compulsory site meeting (where applicable) is as stated in the Notice and Invitation to Bid.
T1.2.6	The due date for seeking clarification is as stated in the Bid Notice and Invitation to Bid.
T1.2.7	<p>Bidders may propose alternative bid offer only if the main tender offer, strictly in accordance with all the requirements of this bid document, is also submitted as well as a schedule that compares the requirements of this bid document with the alternative requirements that are proposed.</p> <p>An alternative bid offer will only be considered if the main bid offer is the winning bid. Additionally, the following statements shall apply:</p> <ul style="list-style-type: none"> <li>• Calculations, drawings and all other pertinent technical information and characteristics as well as modified or proposed Pricing Data must be submitted with the alternative bid offer to enable the Employer to evaluate the efficacy of the alternative and its principal elements, to take a view on the degree to which the alternative complies with the Employer's standards and requirements and to evaluate the acceptability of the pricing proposals.</li> <li>• Calculations must be set out in a clear and logical sequence and must clearly reflect all design assumptions.</li> <li>• Pricing Data must reflect all assumptions in the development of the pricing proposal.</li> <li>• <i>The pricing of the alternative bid offer may not exceed the pricing of the main bid offer.</i></li> </ul> <p>Acceptance of an alternative bid offer will mean acceptance in principle of the offer. In the event that the alternative bid offer is accepted, it will be a contractual obligation for the Contractor to accept full responsibility and liability that the alternative bid offer complies in all respects with the Employer's standards and requirements.</p>
T1.2.8	<p>Bidders must submit <b>one (1)</b> copy of the bid document and returnables. <b>AND</b> Compact disc (CD) or USB flash drive with pdf format of the bid document and returnables.</p> <p>The Employer's address for delivery of the bid offers is stated in the Bid Notice and Invitation to Bid. The bid submission must be sealed and endorsed with both the bid number and the description of the bid, as it appears on the front cover of this bid.</p>
T1.2.9	Telephonic, telegraphic, telex, facsimile or e-mailed bid offers will not be accepted.
T1.2.10	The closing time for submission of bid offers is as stated in the Bid Notice and Invitation to Bid.
T1.2.10.2	<p><b><u>Submission of Disinfection Chemicals Bid Samples for Laboratory Testing</u></b></p> <p>1. <b><u>Rand Water will not conduct Lab Testing for chlorine due to its hazardous nature.</u></b> Therefore, <b>bidders must submit a recent (within bid issue dates) authenticated and signed certificate of analysis (COA)</b> which certifies that chlorine offered complies with the requirements of the SANS 50937:2007 Standard or the equivalent EN 937:1999 Standard "Chemicals used for treatment of water intended for human consumption – Chlorine" and any subsequent revisions thereof.</p>

	<p><b>2. Submission of the Tender Samples for sodium hypochlorite will be requested from Shortlisted Bidders only.</b></p> <p><b>3. The Tender Samples for sodium hypochlorite will be requested from the shortlisted suppliers only. That is bidders who passed the responsiveness test and scored a minimum of 70 for Functionality only.</b></p> <p>4. All samples submitted for sodium hypochlorite must be a representative of the product that will be delivered and submitted to the address supplied in clause 4 below (Note: The address is not the same as for contract documentation submission).</p> <p>5. Two (2) identical one litre (1L) samples in sealed bottles that will be provided by Rand Water, shall be submitted with Material Safety Data Sheets to Rand Waters Analytical Services at 82 Barrage Road, Vereeniging, Johannesburg</p> <p>6. Samples MUST be submitted back to Rand Water in two identical 1L sealed bottles provided by Rand Water with Material Safety Data Sheets to Rand Water's Analytical Services at Vereeniging, 82 Barrage Road. It is the Tenderer's responsibility to ensure that the said sample bottles are received.</p> <p>7. Standardised identical containers are required for anonymity during product testing and are therefore an essential requirement. Failure to adhere shall render the tender invalid.</p> <p>8. One of the samples will be submitted for chemical analysis and testing. The other sample shall be retained by Rand Water and used as a reference sample should any dispute regarding quality of the product arise.</p> <p>9. The sample submitted must be addressed for the attention of Rand Water's representative stipulated below. A removable sticker should be used such that the container can be anonymously labelled for testing. Each sample container must have the following information:</p> <ul style="list-style-type: none"> <li>• Addressed to: Aphilile Thuntulwane</li> <li>• Bid Number RW10398090/22</li> <li>• Name of the supplier and/or manufacturer.</li> <li>• Product name, i.e. Sodium hypochlorite.</li> <li>• Manufacturing date and time</li> <li>• Sampling date Sampling date and time</li> </ul> <p>10. Samples in non-standard containers (refer to clause 4 above), incorrectly delivered, will be rejected for testing and will lead to disqualification of the tender</p> <p>11. The samples must be taken as close as possible to the closing date and kept cool to preserve the sample</p> <p>12. Certificate of analysis submitted with tender document shall at a minimum contain the following:</p> <ul style="list-style-type: none"> <li>• The name, address, and phone number of the company providing the certificate;</li> <li>• The reference number of the certificate of analysis;</li> <li>• The date(s) on which the test(s) was (were) performed;</li> <li>• The name, address, telephone and fax numbers of the original manufacturer.</li> <li>• The name, description and number of the batch for which the certificate is issued, the date of manufacture, and the expiry date;</li> <li>• A description of the test or examination method(s) used and limits of the tests or examinations, or references to acceptable test methods used;</li> <li>• Actual results of all tests performed on the batch for which the certificate is issued (in numerical form, where applicable) and a comparison with the specification limits;</li> <li>• A statement indicating whether the results were found to comply with the requirements (limits);</li> </ul>
--	--

	<ul style="list-style-type: none"> <li>The name and title of the analyst(s) who performed the analysis/analyses, the name of the person who approves or authorizes the findings presented in the certificate, their respective original signatures and the date of approval</li> </ul>																																								
T1.2.11	<p>The bid offer validity period is as stated in the Bid Notice and Invitation to Bid. <i>No bid substitutions will be allowed after the closing date and time.</i></p>																																								
T1.2.12	<p>See 2.1 List of Returnable Documents for a comprehensive list of certificates and additional documents required for submission with this bid.</p>																																								
T1.2.13	<p><b>a) Price</b></p> <p><b>i. Price Analysis (NOT APPLICABLE)</b></p> <p>Rand Water uses a Financial Tolerance Range in order to assess how reasonable the market response prices are. These ranges will assist with eliminating bid prices that are deemed to be excessively high or low to complete the works. The higher limit ensures that Rand Water does not pay more that it believes the value of service or goods is worth, and the lower limit ensures that Rand Water is not exposed to risk of work not being completed or prices increasing subsequent to the award because the award price was too low to complete said scope.</p> <p><b>ii. Preference Point System</b></p> <p><b>WHERE PROCUREMENT VALUE IS R0 &lt; R50 000 000 (INCL. VAT):</b></p> $P_s = 80 * \left( 1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$ <p>The following table will be used to calculate the score out of 20 for BBEE:</p> <table border="1"> <thead> <tr> <th>B-BBEE Status Level of Contributor</th> <th>Number of Points</th> </tr> </thead> <tbody> <tr><td>1</td><td>20</td></tr> <tr><td>2</td><td>18</td></tr> <tr><td>3</td><td>14</td></tr> <tr><td>4</td><td>12</td></tr> <tr><td>5</td><td>8</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>4</td></tr> <tr><td>8</td><td>2</td></tr> <tr><td>Non-compliant contributor</td><td>0</td></tr> </tbody> </table> <p><b>WHERE PROCUREMENT RAND VALUE IS &gt;= R50 000 000 (INCL. VAT):</b></p> $P_s = 90 * \left( 1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$ <p>The following table will be used to calculate the points out of 10 for BBEE:</p> <table border="1"> <thead> <tr> <th>B-BBEE Status Level of Contributor</th> <th>Number of Points</th> </tr> </thead> <tbody> <tr><td>1</td><td>10</td></tr> <tr><td>2</td><td>9</td></tr> <tr><td>3</td><td>6</td></tr> <tr><td>4</td><td>5</td></tr> <tr><td>5</td><td>4</td></tr> <tr><td>6</td><td>3</td></tr> <tr><td>7</td><td>2</td></tr> <tr><td>8</td><td>1</td></tr> <tr><td>Non-compliant contributor</td><td>0</td></tr> </tbody> </table>	B-BBEE Status Level of Contributor	Number of Points	1	20	2	18	3	14	4	12	5	8	6	6	7	4	8	2	Non-compliant contributor	0	B-BBEE Status Level of Contributor	Number of Points	1	10	2	9	3	6	4	5	5	4	6	3	7	2	8	1	Non-compliant contributor	0
B-BBEE Status Level of Contributor	Number of Points																																								
1	20																																								
2	18																																								
3	14																																								
4	12																																								
5	8																																								
6	6																																								
7	4																																								
8	2																																								
Non-compliant contributor	0																																								
B-BBEE Status Level of Contributor	Number of Points																																								
1	10																																								
2	9																																								
3	6																																								
4	5																																								
5	4																																								
6	3																																								
7	2																																								
8	1																																								
Non-compliant contributor	0																																								

Where:

Ps = Points scored for comparative price of bid or offer under consideration

Pt = Comparative price of bid or offer under consideration

Pmin = Comparative price of lowest acceptable bid or offer.

**Rand Water does not bind itself to accept the bid with the lowest price**

**BBBEE STATUS (P<sub>P</sub> = 10/20 maximum)**

Quantification of procurement contribution to B-BBEE

Points will be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of point (90/10 system)	Number of point (80/20 system)
1	10	20
2	9	18
3	6	14
4	5	12
5	4	8
6	3	6
7	2	4
8	1	2
Non-compliant contributor	0	0

Bidders will not be disqualified from the bidding process for not submitting a certificate substantiating the B-BBEE status level of contribution or is a non-compliant contributor. **Such a bidder will score zero (0) out of maximum of 10 for B-BBEE**

**b) Objective Criteria**

Refer to the criteria as stated in [T1.3 Evaluation Criteria](#) of this bid document.

A bid must be awarded to the bidder who scored the highest total number of points in terms of the preference point systems (price and B-BBEE points), unless objective criteria in terms of section 2(1)(f) of the Act justify the award of the bid to another bidder.

**SUMMARY**

The total number of functionality/ quality (PF) shall be the sum total of the product of quality criteria by weight allocated.

The total number of adjudication points (PT) shall equal the sum of the bid price points (Ps) and the BBBEE status points (PP) i.e.

$$PT = Ps + PP$$

**Rand Water does not bind itself to accept the bid with the highest number of adjudication points.**

T1.2.14

The number of paper copies of the signed contract to be provided by the Employer is 1 (one).

**T1.3. EVALUATION CRITERIA**

**T1.3.1. TEST FOR RESPONSIVENESS**

1. Fully completed and signed Form of Offer.
2. Letter of Good Standing from the Department of Labour or an Accredited Institution.
3. Pricing Schedule C2.2 must be fully completed and signed.
4. Submission of a recent (within bid issue dates) authenticated and signed Certificate Of Analysis which certifies that the disinfection chemicals supplied complies with the specified limits for all parameters marked "Determinands" on Schedules T.2.2.18A (Chlorine) and T.2.2.18B (Sodium hypochlorite).

**T1.3.2. FUNCTIONALITY EVALUATION**

Bid submissions will be evaluated on the criteria outlined in items (A-I) below. Each Item (A to I) has an assigned "Weight" and "Rating" scale. During the evaluation process, Bidders shall be assigned a "Rating" for each item in A to I.

The maximum "Score" that a Bidder can achieve will be equal to the "Weight" for a particular item. The Total Scores of each functionality 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:

	CRITERION	RETURNABLE SCHEDULE REFERENCE	WEIGHTING	RATING SCALE
A.	<p><b><u>Record of Previous Experience in the supply and delivery of bulk water treatment chemicals with contactable client references</u></b></p> <p>This is based on contractor history and the ability to manage bulk chemical supply logistics for water treatment chemicals. The reference must be written confirmation from clients and may include a completion certificate.</p> <p>The bidder must submit reference letters drafted on the referencing company's letterhead and signed which must have:</p> <ul style="list-style-type: none"> <li>- The product supplied,</li> <li>- Duration of the contract and</li> <li>- Total quantities supplied</li> </ul> <p>Performance Score (required for B- Overall Performance on Previous Work) below.</p>	T2.2.10 and R1.21	15	<p><b>4 -point scale</b></p> <p><b>None – 0%</b> Have not supplied bulk water treatment chemicals or no previous records submitted</p> <p><b>Weak – 33%</b> Have supplied other bulk water treatment chemicals in small quantities less than 2 130 tons per annum and reference letters drafted on the referencing company's letterhead are submitted and signed.</p> <p><b>Moderate – 66,7%</b> Have supplied disinfection chemicals in excess of 2 130 tons per annum and reference letters drafted on the referencing company's letterhead are submitted and signed.</p> <p><b>Good – 100%</b> Have supplied disinfection chemicals in excess of 3 200 tons per annum and reference letters drafted on the referencing company's letterhead are submitted and signed.</p>

**THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS**

	<b>CRITERION</b>	<b>RETURNABLE SCHEDULE REFERENCE</b>	<b>WEIGHTING</b>	<b>RATING SCALE</b>
B.	<p><b><u>Overall Performance on Previous Work</u></b></p> <p>Overall performance score for similar work previously done. The bidder must submit a record of performance on previous work which must have a percentage rating by the client.</p> <p>The bidder must submit reference letters drafted on the referencing company's letterhead and signed which must have the overall performance score as requested in A above.</p>	R1.21	10	<p><b>2-point scale</b></p> <p><b>Unacceptable -0%</b></p> <ul style="list-style-type: none"> <li>- Average performance rating less than 70%; and/or</li> <li>- Evidence of previous experience supplied without ratings is also unacceptable under this criterion; and/or</li> <li>- Evidence of performance ratings is less than the number of references provided for criterion A.</li> </ul> <p><b>Acceptable -100%</b></p> <ul style="list-style-type: none"> <li>- Average performance rating of 70% and above; and</li> <li>- Evidence of performance ratings is equivalent to the number of references provided for criterion A.</li> </ul>
C.	<p><b><u>Quality Management Systems</u></b></p> <p>Evidence of being ISO 9001 certified (certificate issued by a certification agency) OR</p> <p>In-house QMS in place (demonstrated by submission of an approved quality management manual, at a minimum) and signed.</p>	R1.18	5	<p><b>2-point scale</b></p> <p><b>Unacceptable – 0%</b> Non-submission</p> <p><b>Acceptable – 100%</b> Relevant submission is provided</p>
D.	<p><b><u>SHERQ</u></b></p> <p>Adjudicated based on Contractors or the manufacturers Health &amp; Safety Policy, Plan and documentation submission of the following certificates issued by an accredited certification agency:</p> <ol style="list-style-type: none"> <li>1. ISO 9001</li> <li>2. ISO 14001</li> <li>3. ISO 18001 or ISO 45001</li> </ol> <p><b>Note: Manufacturer as stipulated in Schedule T2.2.19</b></p>	R1.9 And R1.10	10	<p><b>2-point scale</b></p> <p><b>Unacceptable – 0%</b> Non-submission</p> <p><b>Acceptable – 100%</b> Relevant submission is provided</p>
E.	<p><b><u>Human Resource Capacity</u></b></p> <p>Adjudicated based on Human Resource Capacity Schedule including</p> <ul style="list-style-type: none"> <li>- Company's Project Team vs. Company Organogram;</li> <li>- Project Team Member List including CV's, resource allocation).</li> <li>- Technical expertise and a dedicated account person that manages monthly account including CV's</li> </ul> <p>The purpose is to establish an overall picture of the company's human resource capacity and ability to undertake the work.</p>	T2.2.11 And R1.5	5	<p><b>4-point scale</b></p> <p><b>None – 0%</b> No submission</p> <p><b>Weak – 33.3%</b> Only company organogram provided</p> <p><b>Moderate – 66.7%</b></p> <ul style="list-style-type: none"> <li>- Company organogram or Project Team organogram</li> <li>- Project team including CVs of the account manager provided</li> </ul> <p><b>Good – 100%</b> Submission is detailed in terms of</p>

	CRITERION	RETURNABLE SCHEDULE REFERENCE	WEIGHTING	RATING SCALE
				<ul style="list-style-type: none"> <li>- Company and project team organogram with sub-contractor and Joint-Venture arrangements clearly indicated,</li> <li>- Project team member list including resource allocation for this project against any other projects currently managed by the bidder.</li> <li>- Technical expertise and a dedicated account person that manages monthly account and</li> <li>- CV's of technical expertise and a dedicated account person that manages monthly account.</li> </ul>
F.	<p><b><u>Product Sourcing Capacity</u></b>  <b>Note: Disinfection products (i.e. Chlorine and sodium hypochlorite) must be sourced from one manufacturer.</b></p> <p>Adjudicated based on the supplier's demonstration of</p> <ol style="list-style-type: none"> <li>1. Support from the manufacturer. The tendering company (if not a Manufacturer) must submit a letter / written agreement of intent from the manufacturer indicating support for this tender (RW10398090/22) regarding the supply of the disinfection product (Chlorine and sodium hypochlorite combined) and  The letter must be on the manufacturer's letter head and must be signed by the referencing manufacturer.</li> <li>2. Support from a dedicated transporter/s in the form of written agreement. The support letter from the transporter must be on the transporter's letter head indicating support for this bid number RW10398090/22 and must be signed by the referencing transporter.</li> </ol> <p>The purpose is to mitigate the risk of non-delivery of disinfection chemicals and to assess the ability to undertake the work.</p>	<p>R1.11  And  R1.13</p>	<p>25</p>	<p><b>2- point scale</b></p> <p><b>Unacceptable – 0%</b></p> <ul style="list-style-type: none"> <li>- No submission</li> <li>- Manufacturers support is not for both chlorine and sodium hypochlorite</li> <li>- All support letters from the dedicated transporter and manufacturer are not stipulating tender (RW10398090/22), not addressed to the bidder, and/or not signed.</li> </ul> <p><b>Acceptable – 100%</b></p> <ul style="list-style-type: none"> <li>- All support letters from the dedicated transporter and manufacturer (product supply indicating support for bid RW10398090/22) are submitted,</li> <li>- Manufacturers support is for both chlorine and sodium hypochlorite</li> <li>- The letters are on the transporter's and manufacturers letter head and signed by the referencing transporter and manufacturer.</li> </ul>
G.	<p><b><u>Risk Introduced by Bid Qualifications</u></b>  <b>(e.g.: split sourcing of chlorine and sodium hypochlorite, limitations, assumptions, limited liability)</b></p>	<p>T2.2.5</p>	<p>10</p>	<p><b>2-point scale</b></p> <p><b>Significant – 0%</b>  Bid qualifications submitted by the bidder adversely change the bid scope.</p> <p>Significant qualifications may result in bid submissions being deemed non-responsive, should the bidder/s opt to retain such qualifications after consultation by Rand Water.</p> <p><b>None – 100%</b>  No bid qualification/s submitted and both chlorine and sodium hypochlorite are sourced from the same manufacturer.</p>

CRITERION	RETURNABLE SCHEDULE REFERENCE	WEIGHTING	RATING SCALE
<p>H. <b><u>Project Risk Management</u></b></p> <p>As per risk register provided in Schedule T2.2.16. In addition, a comprehensive risk mitigation plan aligned to the risk events for this bid RW10398090/22 and any other risk events identified must be submitted with this Bid by the supplier. The risk mitigation plan must be on the supplier's letter head and signed by the supplier.</p>	T2.2.16	10	<p><b>3-point scale</b></p> <p><b>None – 0%</b> No response provided to Project Risk Management section or responses provided are not relevant to the identified risks.</p> <p><b>Moderate – 66.7%</b> Relevant responses were provided to some of the risks outlined in this bid,</p> <p><b>Good – 100%</b> - Relevant responses were provided to the risks outlined in this bid and - A comprehensive risk mitigation plan aligned to all the risk events for this bid RW10398090/22 and any other risk events identified is submitted on the supplier's letter head and signed by the supplier.</p>
<p>I. <b><u>Manufacturers Capacity</u></b></p> <p>The Bidders shall certify that: the manufacturer's production capacity per annum exceeds Rand Water's estimated usage.</p> <p>The purpose is to mitigate capacity risks.</p>	T2.2.19	10	<p><b>2-point scale</b></p> <p><b>Unacceptable – 0%</b> Manufacturers details in Schedule T2.2.19 is completed and the production capacity for chlorine and/or sodium hypochlorite does not meet Rand Water requirements (year 1)</p> <p><b>Acceptable – 100%</b> Manufacturers details in Schedule T2.2.19 is completed and the production capacity for chlorine and sodium hypochlorite exceed Rand Water's estimated usage (year 1).</p>
<b>TOTAL</b>		<b>100</b>	

**T1.3.3. PRICE (NOT APPLICABLE)**

Rand Water uses a Financial Tolerance Range in order to assess how reasonable the market response prices are. These ranges will assist with eliminating bid prices that are deemed to be excessively high or low to complete the works. The higher limit ensures that Rand Water does not pay more than it believes the value of service or goods is worth, and the lower limit ensures that Rand Water is not exposed to risk of work not being completed or prices increasing subsequent to the award because the award price was too low to complete said scope.

**T1.3.4. OBJECTIVE CRITERIA**

To ensure security of supply of this critical commodity, the contract for disinfection products may be split between different manufacturing plants. No Supplier shall have sole supply to any of Rand Water's plants, but for operational reasons Rand Water may allocate the supply to specific plants and specific supplier/s

**PART T2: RETURNABLE DOCUMENTS**

**T2.1. LIST OF RETURNABLE DOCUMENTS**

- T2.1.1** All documentation listed in table T2.1 below shall form part of the Contract. *The Bidder must utilise this list as a checklist prior to bid submission.*
- T2.1.2** Non-submission of any item listed only under the column “Required for Bid Evaluation” may result in the bid being rejected by the Employer.
- T2.1.3** Attach additional pages if more space is required.

**Table T2.1 List of Returnable Documents**

ITEM	DESCRIPTION OF DOCUMENT TO BE RETURNED	REQUIRED FOR BID EVALUATION	ONLY REQUIRED AFTER BID AWARD
<b>T2</b>	<b>Returnable schedules</b> (supplied with the bid document)		
T2.2.1	Compulsory Enterprise Questionnaire including SBD 4 and 6.1	•	
T2.2.2	Record of Addenda to Bid Documents	•	
T2.2.3	Proposed Subcontractors		N/A
T2.2.4	Alternative Bid	•	
T2.2.5	Qualifications to Bid	•	
T2.2.6	Requirements with regard to fluctuations in the cost of labour and materials	•	
T2.2.7	FOB Prices of imported equipment/materials for which foreign exchange would be required and importing charges	•	
T2.2.8	Declaration of Insurance	•	
T2.2.9	Socio-Economic Development Plan		N/A
T2.2.10	Record of Previous Experience, Quality of Workmanship and Safety	•	
T2.2.11	Human Resource Capacity Schedule	•	
T2.2.12	Equipment Resource Capacity (Plant and Equipment)		N/A
T2.2.13	Safety, Health, and Environment	•	
T2.2.14	Details of Equipment (including manufacturer's data sheets and technical publications)		N/A
T2.2.15	Recommended Spares, Special tools and servicing facilities		N/A
T2.2.16	Project Risk Management	•	
T2.2.17	Penalty Table	•	
T2.2.18	Product Guarantee and Delivery Schedule	•	
T2.2.19	Supplier/Manufacturer details	•	
C1.1	Letter of Bid (Form of Offer and Acceptance)	•	
C1.2	Contract Agreement		•
C2.2	Pricing Schedule / Bill of Quantities (BoQ) <b>The Bidder is required to submit the following:</b> - <b>Printed format and signed version of the completed pricing schedule or BoQ.</b>	•	
C3.1	Dates for Delivery and Completion		N/A

ITEM	DESCRIPTION OF DOCUMENT TO BE RETURNED	REQUIRED FOR BID EVALUATION	ONLY REQUIRED AFTER BID AWARD
	<b>NOTE: A DETAILED PROJECT PROGRAMME MUST BE INCLUDED WITH THE BID SUBMISSION</b>		
<b>R 1</b>	<b>Required documentation not issued with the bid document:</b>		
R 1.1	Proof of tax compliance status and a valid SARS Tax PIN		•
R 1.2	Letter of Good Standing from the Department of Labour or an Accredited Institution	•	
R 1.3	Performance Guarantee / Bond	N/A	
R 1.4	Resolution Letter for the Main Contractor (a letter authorising the person completing the bid to sign on behalf of the company)	•	
R 1.5	Resolution Letter for the Subcontractor/s (a letter authorising the person completing the bid to sign on behalf of the company)	•	
R 1.6	Subcontracting Agreement	•	
R 1.7	3 year financial statements (audited where applicable)	•	
R 1.8	Certified copy of B-BBEE Certificate or Certified copy of Sworn Affidavit for EMEs or QSEs	•	
R1.9	Main Contractor's internal Safety and Health Policy and Project Specific SHE Plan (compliance with the project specific SHE specification)	•	
R 1.10	Comprehensive SHERQ Plan (compliance with SHERQ Specification, written agreement on Safety, Health and Environmental matters including SHERQ certificates issued by a certification agency for the Bidder or Bidder's service provider's (i.e. chemical manufacturer in case of a trader) for ISO 9001, ISO 14001, ISO 18001/45001 and all other documents required for SHERQ compliance.		•
R 1.11	Dedicated transporters support letter in the form of a written agreement of intent indicating support for this bid number RW10398090/22. The letter must be on the transporter's letter head and must be signed by the referencing transporter.	•	
R 1.12	Proof that disinfection chemicals offered complies with Rand Water's quality requirements by: Providing recent (in line with bid number RW10398090/22 issue date) and signed authenticated certificates of analysis indicating all parameters marked "Determinands" in Table A and B of Schedule T.2.2.18" certifying that disinfection chemicals supplied complies with bid quality specification.	•	
R 1.13	The dedicated manufacturers letter / written agreement of intent (if the tendering company is not a manufacturer) indicating support for the products supply for this bid RW10398090/22. The letter must be on the manufacturer/s letter head, indicate support for both chlorine and sodium hypochlorite and must be signed by the referencing manufacturer.	•	
R 1.14	Contractors tools and Equipment Inventory	N/A	
R 1.15	Staff list including technical and account manager's details and CV's of technical expertise and a dedicated account person that manages monthly account.	•	
R1.16	Site Clearance Certificate	N/A	

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

ITEM	DESCRIPTION OF DOCUMENT TO BE RETURNED	REQUIRED FOR BID EVALUATION	ONLY REQUIRED AFTER BID AWARD
R1.17	Job Creation Report/Statistics (To be submitted Monthly)	N/A	
R1.18	ISO 9001 Certification /proof of In-house Quality Management System (must include proof of a Document Control System and proof of a Non-conformity Management System) including Sample/template of Quality Control Plan and appointment of Quality Representative	•	
R1.19	Detailed Project Programme	N/A	
R 1.20	<p>Method Statement detailing</p> <ol style="list-style-type: none"> <li>1. step by step process regarding safe handling of the product and protection against wear and tear</li> <li>2. outline process from the receipt of an order to delivery, including all check points and hazard points as well as details of relevant personnel</li> <li>3. outline step by step process for invoicing including handling of invoicing queries and discrepancies.</li> </ol>	•	
R 1.21	<p>Record of previous experience for the supply and delivery of bulk water treatment chemicals by submitting:</p> <p>Reference letters drafted on the referencing company's letterhead and signed. The content must include the product supplied, the duration of the contract, the quantities supplied and the performance score (in %).</p>	•	
R 1.22	<p>A signed comprehensive risk mitigation plan on the bidder's letter head aligned to the following risks events and any other risk events identified</p> <ul style="list-style-type: none"> <li>- <b>Manufacturer risks:</b> plant maintenance, unavailability of raw material including electricity, audit findings not cleared, credit limit less than Rand Water's monthly usage, manufacturing account not paid/in arrears, unavailability of disinfection chemicals from primary manufacturer.</li> <li>- <b>Quality risks:</b> inferior product quality produced, cross contamination and product tempering.</li> <li>- <b>Transport and Supply risks:</b> labour strikes, suppliers credit allocation/limit exceeded, product tampering and theft while in-transit.</li> </ul>	•	

**T2.2. RETURNABLE SCHEDULES**

**T2.2.1. COMPULSORY ENTERPRISE QUESTIONNAIRE**

The following particulars must be furnished. In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted.		
<b>Section 1: Name of enterprise:</b>		
<b>Section 2: VAT registration number, if any:</b>		
<b>Section 3: CSD Number:</b>		
<b>Section 4: Particulars of sole proprietors and partners in partnerships:</b>		
Name *	Identity Number *	Personal income tax number *
* Complete only if sole proprietor or partnership and attach separate page if more than 3 partners		
<b>Section 5: Particulars of companies and close corporations</b>		
Company registration Number:		
Close Corporation number:		
Tax reference number:		
<b>Section 6: SBD 4 issued by National Treasury must be completed for this bid.</b>		
<b>Section 7: SBD 6 issued by National Treasury must be completed for this bid.</b>		
I the undersigned, who warrants that he/she is duly authorized to do so on behalf of the enterprise:		
i) authorizes the employer to verify the Bidders tax clearance status from the South African Revenue Services that it is in order;		
ii) confirms that the neither the name of the enterprise or the name of any partner, manager, director or other person, who wholly or partly exercises or may exercise, control over the enterprise appears on the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004;		
iii) confirms that no partner, member, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears, has within the last five years been convicted of fraud or corruption;		
iv) confirms that I / we are not associated, linked or involved with any other bidding entities submitting bid offers and have no other relationship with any of the Bidders or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest; and		
v) confirms that the contents of this questionnaire are within my personal knowledge and are to the best of my belief both true and correct.		

Name of Bidder: \_\_\_\_\_

Signed by or on behalf of Bidder: \_\_\_\_\_

Official Capacity: \_\_\_\_\_

Date: \_\_\_\_\_

**SBD 4**

**BIDDER'S DISCLOSURE**

**1. PURPOSE OF THE FORM**

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

**2. BIDDER'S DECLARATION**

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest<sup>1</sup> in the enterprise, employed by the state? **YES/NO**

2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State institution

2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES/NO**

2.2.1 If so, furnish particulars:

.....  
 .....  
 .....

2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? **YES/NO**

2.3.1 If so, furnish particulars:

.....  
 .....  
 .....

<sup>1</sup> the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

**3 DECLARATION**

I, the undersigned, (name)..... in submitting the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium<sup>2</sup> will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.4 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.6 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

..... Signature	..... Date
..... Position	..... Name of bidder

<sup>2</sup> Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

**SBD 6.1**

**PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017**

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution

**NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.**

**1. GENERAL CONDITIONS**

1.1 The following preference point systems are applicable to all bids:

The 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2

- a) The value of this bid is estimated to exceed R50 000 000 (all applicable taxes included) and therefore the 90/10. preference point system shall be applicable; or
- b) The 90/10 preference point system will be applicable to this bid.

1.3 Points for this bid shall be awarded for:

- (a) Price; and
- (b) B-BBEE Status Level of Contributor.

1.4 The maximum points for this bid are allocated as follows:

	<b>POINTS</b>
<b>PRICE</b>	90
<b>B-BBEE STATUS LEVEL OF CONTRIBUTOR</b>	10
<b>Total points for Price and B-BBEE must not exceed</b>	<b>100</b>

1.5 Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

1.6 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

**2. DEFINITIONS**

- (a) **“B-BBEE”** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (b) **“B-BBEE status level of contributor”** means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (c) **“bid”** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotations, advertised competitive bidding processes or proposals;
- (d) **“Broad-Based Black Economic Empowerment Act”** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (e) **“EME”** means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black

- Economic Empowerment Act;
- (f) **“functionality”** means the ability of a Bidder to provide goods or services in accordance with specifications as set out in the bid documents.
  - (g) **“prices”** includes all applicable taxes less all unconditional discounts;
  - (h) **“proof of B-BBEE status level of contributor”** means:
    - 1) B-BBEE Status level certificate issued by an authorized body or person;
    - 2) A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
    - 3) Any other requirement prescribed in terms of the B-BBEE Act;
  - (i) **“QSE”** means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
  - (j) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

### 3. POINTS AWARDED FOR PRICE

#### 3.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

80/20 or 90/10

$$P_s = 80 \left( 1 - \frac{P_t - P_{\min}}{P_{\min}} \right) \quad \text{or} \quad P_s = 90 \left( 1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where

- P<sub>s</sub> = Points scored for price of bid under consideration
- P<sub>t</sub> = Price of bid under consideration
- P<sub>min</sub> = Price of lowest acceptable bid

### 4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

4.1

B-BBEE Status Level of Contributor	Number of points (90/10 system)	Number of points (80/20 system)
1	10	20
2	9	18
3	6	14
4	5	12
5	4	8
6	3	6
7	2	4
8	1	2
Non-compliant contributor	0	0

### 5. BID DECLARATION

5.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

**6. B-BBEE STATUS LEVEL OF CONTRIBUTOR CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 4.1**

6.1 B-BBEE Status Level of Contributor: . = .....(maximum of 10 points)  
 (Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by relevant proof of B-BBEE status level of contributor.

**7. SUB-CONTRACTING**

7.1 Will any portion of the contract be sub-contracted?

*(Tick applicable box)*

YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
-----	--------------------------	----	--------------------------

7.1.1 If yes, indicate:

- i) What percentage of the contract will be subcontracted.....%
- ii) The name of the sub-contractor.....
- iii) The B-BBEE status level of the sub-contractor.....
- iv) Whether the sub-contractor is an EME or QSE

*(Tick applicable box)*

YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
-----	--------------------------	----	--------------------------

v) Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations,2017:

<b>Designated Group: An EME or QSE which is at least 51% owned by:</b>	<b>EME</b>	<b>QSE</b>
	√	√
Black people		
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		
Black people who are military veterans		
<b>OR</b>		
Any EME		
Any QSE		

**In the case of more than one subcontractors, submit a list of subcontractors with the above details (7.1.1)**

**8. DECLARATION WITH REGARD TO COMPANY/FIRM**

- 8.1 Name of company/firm:.....
- 8.2 VAT registration number:.....
- 8.3 Company registration number:.....
- 8.4 TYPE OF COMPANY/ FIRM

- Partnership/Joint Venture / Consortium
- One person business/sole propriety
- Close corporation
- Company
- (Pty) Limited

[TICK APPLICABLE BOX]

8.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....  
 .....  
 .....  
 .....

8.6 COMPANY CLASSIFICATION

- Manufacturer
- Supplier
- Professional service provider
- Other service providers, e.g. transporter, etc.

[TICK APPLICABLE BOX]

8.7 Total number of years the company/firm has been in business:.....

8.8 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contributor indicated in paragraphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- iv) If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
  - (a) disqualify the person from the bidding process;
  - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
  - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
  - (d) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
  - (e) forward the matter for criminal prosecution.

Name of Bidder:

Signed by or on behalf of Bidder:

\_\_\_\_\_  
 Official  
 Capacity: \_\_\_\_\_

Date:

\_\_\_\_\_

**SBD 6.2**

**DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS (NOT APPLICABLE)**

This Standard Bidding Document (SBD) must form part of all bids invited. It contains general information and serves as a declaration form for local content (local production and local content are used interchangeably).

Before completing this declaration, bidders must study the General Conditions, Definitions, Directives applicable in respect of Local Content as prescribed in the Preferential Procurement Regulations, 2017, the South African Bureau of Standards (SABS) approved technical specification number SATS 1286:2011 (Edition 1) and the Guidance on the Calculation of Local Content together with the Local Content Declaration Templates [Annex C (Local Content Declaration: Summary Schedule), D (Imported Content Declaration: Supporting Schedule to Annex C) and E (Local Content Declaration: Supporting Schedule to Annex C)].

**1. General Conditions**

- 1.1. Preferential Procurement Regulations, 2017 (Regulation 8) make provision for the promotion of local production and content.
- 1.2. Regulation 8.(2) prescribes that in the case of designated sectors, organs of state must advertise such bids with the specific bidding condition that only locally produced or manufactured goods, with a stipulated minimum threshold for local production and content will be considered.
- 1.3. Where necessary, for bids referred to in paragraph 1.2 above, a two stage bidding process may be followed, where the first stage involves a minimum threshold for local production and content and the second stage price and B-BBEE.
- 1.4. A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- 1.5. The local content (LC) expressed as a percentage of the bid price must be calculated in accordance with the SABS approved technical specification number SATS 1286: 2011 as follows:

$$LC = [1 - x / y] * 100$$

Where

- x is the imported content in Rand  
y is the bid price in Rand excluding value added tax (VAT)

Prices referred to in the determination of x must be converted to Rand (ZAR) by using the exchange rate published by South African Reserve Bank (SARB) on the date of advertisement of the bid as indicated in paragraph 3.1 below.

**The SABS approved technical specification number SATS 1286:2011 is accessible on [http://www.thedti.gov.za/industrial\\_development/ip.jsp](http://www.thedti.gov.za/industrial_development/ip.jsp) at no cost.**

- 1.6. A bid may be disqualified if this Declaration Certificate and the Annex C (Local Content Declaration: Summary Schedule) are not submitted as part of the bid documentation;
- 2. The stipulated minimum threshold(s) for local production and content (refer to Annex A of SATS 1286:2011) for this bid is/are as follows:**

<u>Description of services, works or goods</u>	<u>Stipulated minimum threshold (%)</u>
1. <b>NOT APPLICABLE</b>	<b>INSERT</b>
2. <b>NOT APPLICABLE</b>	<b>INSERT</b>
3. Does any portion of the goods or services offered have any imported content? <i>(Tick applicable box)</i>	

YES		NO	
-----	--	----	--

3..1 If yes, the rate(s) of exchange to be used in this bid to calculate the local content as prescribed in paragraph 1.5 of the general conditions must be the rate(s) published by SARB for the specific currency on the date of advertisement of the bid.

The relevant rates of exchange information is accessible on [www.resbank.co.za](http://www.resbank.co.za)

Indicate the rate(s) of exchange against the appropriate currency in the table below (refer to Annex A of SATS 1286:2011):

Currency	Rates of exchange
US Dollar	
Pound Sterling	
Euro	
Yen	
Other	

NB: Bidders must submit proof of the SARB rate (s) of exchange used.

4. Where, after the award of a bid, challenges are experienced in meeting the stipulated minimum threshold for local content the dti must be informed accordingly in order for the dti to verify and in consultation with the AO/AA provide directives in this regard.

**LOCAL CONTENT DECLARATION (NOT APPLICABLE)**  
**(REFER TO ANNEX B OF SATS 1286:2011)**

**LOCAL CONTENT DECLARATION BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY RESPONSIBLE PERSON NOMINATED IN WRITING BY THE CHIEF EXECUTIVE OR SENIOR MEMBER/PERSON WITH MANAGEMENT RESPONSIBILITY (CLOSE CORPORATION, PARTNERSHIP OR INDIVIDUAL)**

**IN RESPECT OF BID NO. BID NUMBER: RW10398090/22**

**ISSUED BY: RAND WATER**

NB

- 1 The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.
- 2 Guidance on the Calculation of Local Content together with Local Content Declaration Templates (Annex C, D and E) is accessible on [http://www.thedti.gov.za/industrial\\_development/ip.jsp](http://www.thedti.gov.za/industrial_development/ip.jsp). Bidders should first complete Declaration D. After completing Declaration D, bidders should complete Declaration E and then consolidate the information on Declaration C. **Declaration C should be submitted with the bid documentation at the closing date and time of the bid to substantiate the declaration made in paragraph (c) below.** Declarations D and E should be kept by the bidders for verification purposes for a period of at least 5 years. The successful bidder is required to continuously update Declarations C, D and E with the actual values for the duration of the contract.

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

I, the undersigned, ..... (full names),  
do hereby declare, in my capacity as .....  
of .....(name of bidder entity), the following:

- (a) The facts contained herein are within my own personal knowledge.
- (b) I have satisfied myself that:
  - (i) the goods/services/works to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid, and as measured in terms of SATS 1286:2011; and
- (c) The local content percentage (%) indicated below has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 3.1 above and the information contained in Declaration D and E which has been consolidated in Declaration C:

Bid price, excluding VAT (y)	R
Imported content (x), as calculated in terms of SATS 1286:2011	R
Stipulated minimum threshold for local content (paragraph 3 above)	
Local content %, as calculated in terms of SATS 1286:2011	

**If the bid is for more than one product, the local content percentages for each product contained in Declaration C shall be used instead of the table above.**

**The local content percentages for each product has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 3.1 above and the information contained in Declaration D and E.**

- (d) I accept that the Procurement Authority / Institution has the right to request that the local content be verified in terms of the requirements of SATS 1286:2011.
- (e) I understand that the awarding of the bid is dependent on the accuracy of the information furnished in this application. I also understand that the submission of incorrect data, or data that are not verifiable as described in SATS 1286:2011, may result in the Procurement Authority / Institution imposing any or all of the remedies as provided for in Regulation 14 of the Preferential Procurement Regulations, 2017 promulgated under the Preferential Policy Framework Act (PPPFA), 2000 (Act No. 5 of 2000).

Name of Bidder: \_\_\_\_\_

Signed by or on \_\_\_\_\_ Official  
behalf of Bidder: \_\_\_\_\_ Capacity: \_\_\_\_\_

Date: \_\_\_\_\_



**THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS**

**T2.2.3. PROPOSED SUBCONTRACTORS**

We notify the Employer that it is our intention to employ the following Subcontractors for work in this contract.

If we are awarded a contract, we agree that this notification does not change the requirement for us to submit the names of proposed Subcontractors in accordance with requirements in the contract for such appointments. If there are no such requirements in the contract, then on official award of Contract by the Employer to us, this list duly signed below shall be binding between us.

**The appointment of the proposed Subcontractors shall be subject to the approval of the Employer.**

Please note it is compulsory to declare the percentage of work to be completed by the Subcontractor.

Name and Address of Proposed Subcontractor	Nature and Extent of Work	Previous Experience with Subcontractor
1)		
2)		
3)		
4)		
5)		

Name of Bidder: \_\_\_\_\_

Signed by or on behalf of Bidder: \_\_\_\_\_

Official Capacity: \_\_\_\_\_

Date: \_\_\_\_\_

**THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS**

**T2.2.4. ALTERNATIVE BID**

- T2.2.4.1. Noting the concerns in terms of the security of supply of disinfection products, Rand Water may consider import proposals of which a detailed Project Risk Management Register must be submitted.
- T2.2.4.2. Alternative bids will be accepted on the conditions described in [T1.2 Bid Data](#) (CIDB Clause C2.12)
- T2.2.4.3. Should the Bidder wish to submit an alternative bid he shall set out his proposals clearly hereunder or alternatively state them in a covering letter attached to his bid and referred to hereunder, failing which the bid will be deemed to be unqualified.
- T2.2.4.4. If no departures or modifications are described, the schedule shall be marked NIL and signed by the Bidder.

Page	Item	Proposed alternative	Price saving (if any) to the Employer if proposal is accepted
	1.		
	2.		

Name of Bidder: \_\_\_\_\_

Signed by or on \_\_\_\_\_ Official  
 behalf of Bidder: \_\_\_\_\_ Capacity: \_\_\_\_\_

Date: \_\_\_\_\_



**THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS**

**T2.2.6.A REQUIREMENTS WITH REGARD TO FLUCTUATIONS IN THE COST OF LABOUR AND MATERIALS (PRODUCT AND TRANSPORT PRICES) - CHLORINE**

T2.2.6.A.1 The Bidder shall delete whichever of the following statements are not applicable to the bid. *Where the Bidder has not indicated the applicability of fluctuations, Rand Water shall regard the fluctuations as not applicable.*

FLUCTUATIONS IN - Wages and allowances: \*TO APPLY/NOT TO APPLY  
 Price of product: \*TO APPLY/NOT TO APPLY  
 Price of transport: \*TO APPLY/NOT TO APPLY

\* Delete whichever is not applicable.

**FORMULAE OR BASIS FOR THE ADJUSTMENT OF THE BID PRICE**

If firm prices are not quoted the Bidder shall supply the following information:

T2.2.6.A.2 Formula by which the bid price is to be multiplied in order to arrive at the adjusted price:

.....  
 .....  
 .....

T2.2.6.A.3 Definition of all symbols used in the above formula:

.....  
 .....  
 .....  
 .....  
 .....

T2.2.6.A.4 Any special materials or equipment to be excluded from the application of the formula stating the method and basis of price variation to be applied to such materials or equipment:

.....  
 .....  
 .....

Name of Bidder: \_\_\_\_\_

Signed by or on \_\_\_\_\_ Official  
 behalf of Bidder: \_\_\_\_\_ Capacity: \_\_\_\_\_

Date: \_\_\_\_\_

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

**T2.2.6.B REQUIREMENTS WITH REGARD TO FLUCTUATIONS IN THE COST OF LABOUR AND MATERIALS (PRODUCT AND TRANSPORT PRICES) - SODIUM HYPOCHLORITE**

T2.2.6.B.1 The Bidder shall delete whichever of the following statements are not applicable to the bid. *Where the Bidder has not indicated the applicability of fluctuations, Rand Water shall regard the fluctuations as not applicable.*

FLUCTUATIONS IN - Wages and allowances: \*TO APPLY/NOT TO APPLY  
Price of product: \*TO APPLY/NOT TO APPLY  
Price of transport: \*TO APPLY/NOT TO APPLY

\* Delete whichever is not applicable.

FORMULAE OR BASIS FOR THE ADJUSTMENT OF THE BID PRICE

If firm prices are not quoted the Bidder shall supply the following information:

T2.2.6.B.2 Formula by which the bid price is to be multiplied in order to arrive at the adjusted price:

.....  
.....  
.....

T2.2.6.B.3 Definition of all symbols used in the above formula:

.....  
.....  
.....  
.....  
.....

T2.2.6.B.4 Any special materials or equipment to be excluded from the application of the formula stating the method and basis of price variation to be applied to such materials or equipment:

.....  
.....  
.....

Name of Bidder: \_\_\_\_\_

Signed by or on \_\_\_\_\_ Official  
behalf of Bidder: \_\_\_\_\_ Capacity: \_\_\_\_\_

Date: \_\_\_\_\_

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

**T2.2.7. FOB PRICES OF IMPORTED EQUIPMENT/MATERIALS FOR WHICH FOREIGN EXCHANGE WOULD BE REQUIRED AND IMPORTING CHARGES**

- T2.2.7.1. The Bidder shall complete each schedule listing the F O B value of all items of equipment/materials for which foreign exchange would be required.
- T2.2.7.2. Bidders based on the supply of locally manufactured equipment and/or materials priced competitively, will be given preference by the Employer provided such equipment and/or materials, and the manufacture thereof, are of sufficiently high standard to meet the Employer's requirements.
- T2.2.7.3. If no items are to be imported or if firm prices are submitted the relevant section of the schedule shall be marked NIL. If the equipment contains imported equipment/materials then the Bidder shall complete the schedule listing the F O B value of all items of equipment/materials, which have been or are to be imported. Prices tendered for this imported equipment/material shall be quoted in **currency of origin**. It will therefore be the responsibility of the employer (Rand Water) to take out a Forward Cover for this imported equipment/material, when and if deemed prudent. All charges for the Employer's account referred to in the General Conditions of Contract and any changes in the rates of exchange will only be paid or allowed by the Employer in respect of items listed in this schedule. Bidder shall be expected to provide full documentation (i.e. Invoice, Bill of Lading, etc.) supporting foreign currency requirements for this imported equipment/material to support the Employer application to the SARB for the exchange control approval.
- T2.2.7.4. The Bidder shall sign each schedule.
- T2.2.7.5. For evaluation purposes, the prices of imported equipment/material sourced directly from outside South Africa quoted in currency of origin will be converted to Rand using the closing rate exchange rate published by SARB on the date, one week (7day calendar days) prior to the closing date for the Bidder.

“Imported content” means that portion of the price represented by the cost of components, parts or materials which have been, or are still to be imported (whether by the Bidder or his suppliers or Subcontractors) and which cost includes the overseas cost plus direct importation costs, such as freight, all landing charges, dock dues, import duties and the like at the South African port of entry, as well as inward transportation and handling to the factory in the Republic where the equipment offered is produced, manufactured, processed, assembled, packed or otherwise prepared.

The Bidder shall state in the appropriate column the F O B values of equipment/materials, which have already been imported, and which still have to be imported.

Item	Description and country of origin	Rate exchange of	F O B value	
			Already imported	To be imported
			R	R
Total F O B values				

**Table T2.2.7.1: F O B Prices**

The exchange rate to be used for conversion of the foreign content to local content shall be the closing exchange rate published by South African Reserve Bank (SARB) on the date, one week (7 day calendar days) prior to the closing date of the Bid.

**THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS**

IMPORT PERMIT: The Bidder shall state what arrangements have been or are to be made to obtain the necessary import permit(s).

.....

.....

Item	Rate	Total
PORT OF LANDING .....	R	R
Freight on ..... tons at		
Insurance on R .....		
Customs duty on R .....		
Landing charges on ..... tons at		
Wharfage on ..... tons at		
Forwarding and agency on ..... tons at		
Railage on ..... kg at		
Sundry importing charges .....		
.....		
TOTAL:		

**Table T2.2.7.2: F O B Prices**

Guaranteed date of shipping .....

Guaranteed date of delivery to railway authority .....

Name of Bidder:

Signed by or on \_\_\_\_\_ Official  
 behalf of Bidder: \_\_\_\_\_ Capacity: \_\_\_\_\_

Date: \_\_\_\_\_

**THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS**

**T2.2.8. DECLARATION OF INSURANCES**

I/We hereby declare that the insurance policies enumerated below have been effected by me/us in accordance with the Contract Data.

Cover effected	Insurer	Policy	Expiry date
COID			
Unemployment Insurance			
Employer's Liability			
Motor Vehicle Liability			
Contractor's Equipment			
Manufacturing/Fabrication Premises			
Professional Indemnity	as applicable		

**Table T2.2.8: Declaration of Insurance**

Copies of the abovementioned policies are attached.

In respect of COID, a copy of the current receipt and letter of good standing is attached.

**NOTE:** This schedule shall be completed and submitted to Rand Water within 14 days from the commencement date of the contract and will serve as a condition precedent. The Contractor shall ensure that all policies are in place for the full period under the contract, and where policies need to be renewed and/or any changes effected, Rand Water is to be provided with the renewal confirmation and/or details of changes within 14 days of such renewal or changes.

Name of Bidder: \_\_\_\_\_  
 Signed by or on \_\_\_\_\_ Official  
 behalf of Bidder: \_\_\_\_\_ Capacity: \_\_\_\_\_  
 Date: \_\_\_\_\_

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

**T2.2.9. SOCIO-ECONOMIC DEVELOPMENT (NOT APPLICABLE)**

Rand Water intends to achieve the objective of promoting an environment that is health, safe, efficient, productive, harmonious, free from disruption and localises opportunities for communities in close proximity to the project. Such an environment will assist contractors in implementing the projects successfully. All contractors, subcontractors (including SMMEs) and site service providers within the project have a role and responsibility in achieving this objective. Accordingly, the Main Contractor is wholly responsible in ensuring the provision, implementation and maintenance of the required socio-economic deliverables, as approved by Rand Water.

The Bidder shall submit a plan with regard to SED targets set by Rand Water for each respective SED element during the Request for Bid (RFB) phase. Bidders have to submit SED plans as part of their proposals in reaction to the RFB. Bidders are required to demonstrate through their SED plans how the involvement of black persons and historically disadvantaged individuals (HDIs) will be secured, as well as their commitment to the respective SED elements.

Rand Water regards the **local-to-site area** as historically disadvantaged areas in the district municipality. In areas that are not demarcated according to district municipalities, the historically disadvantaged areas in the metropolitan municipalities shall be regarded as local-to-site areas.

Key performance areas and deliverables on SED are outlined as follows:

ITEM NO.	KEY PERFORMANCE AREAS	DELIVERABLES
1.	<b>Participation of Local Enterprises</b>	<ul style="list-style-type: none"> <li>• The Bidder must ensure that in the project implementation plan the following target is prioritized and this must be clearly outlined in the declaration of intent:               <ul style="list-style-type: none"> <li>○ <b>Work allocation to local enterprises</b></li> </ul>               A minimum of 5% of the total work will be allocated to local black owned enterprises. The Bidder must specify in the SED plan the work items to be allocated to local enterprises that are minimum 51% black owned. This plan must also indicate the Rand value and the scope of work. Rand Water's Database of Local Business for the target area/s will be availed.             </li> </ul>
2.	<b>Job Creation</b>	<ul style="list-style-type: none"> <li>• The Bidder's workforce in the project must consist of locals (historically disadvantaged) as follows:               <ul style="list-style-type: none"> <li>○ Unskilled Labourers: 100% (50% women, 50% youth)</li> <li>○ Semi-skilled: a minimum of 30% (50% women, 50% youth)</li> <li>○ Skilled: a minimum of 25% (50% women, 50% youth)</li> </ul> </li> <li>• The method of recruitment must be pre-approved by Rand Water.</li> <li>• It is acknowledged that people will be employed on a part-time basis in many instances. It is however required that employees who were employed at the unskilled level exit with a certificate of completion of accredited training.</li> <li>• A recruitment plan must be submitted which will indicate how the employment of local labour will be achieved versus the Bidder's existing (permanent) and seconded labour which will be assigned to the project.</li> </ul>
3.	<b>Skills Development</b>	<ul style="list-style-type: none"> <li>• The Bidder must submit a proposed skill development programme targeting the following levels:               <ul style="list-style-type: none"> <li>○ Unskilled to Semi-skilled (50% Youth, 50% Women)</li> <li>○ Undergraduate (50% Youth, 50% Women)</li> <li>○ Graduate (50% Youth, 50% Women)</li> </ul> </li> </ul>

**THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS**

ITEM NO.	KEY PERFORMANCE AREAS	DELIVERABLES
		<ul style="list-style-type: none"> <li>The proposed programmes must be accredited, giving credit value to the beneficiaries. The programmes must incorporate workplace learning and/or on-the-job training with the theoretical knowledge provided.</li> <li>Programmes can only be implemented once approval has been provided by Rand Water.</li> </ul>
4.	<b>Social Responsibility</b>	<ul style="list-style-type: none"> <li>A programme must be structured to ensure effective delivery to address identified community needs in a significant and sustainable manner.</li> <li>The Bidder must submit proposed social responsibility initiative/s which could be rolled out across the project duration and must have impact beyond the project implementation. Examples may include Cooperative Development, NGO Support, School Support</li> <li>Programmes can only be implemented once approval has been provided by Rand Water.</li> </ul>
5.	<b>Social Facilitation</b>	<ul style="list-style-type: none"> <li>A key component in aiding the realisation of the SED objectives is effective community liaison with all the relevant role-players, structures, civic organisations and the community at large.</li> <li>Provision must be made for a Community Liaison Officer (CLO) for the duration of the project. The CLO must be sourced locally.</li> </ul>

The Bidder agrees to adhere to the Rand Water's SED requirements.

Name of Bidder: \_\_\_\_\_

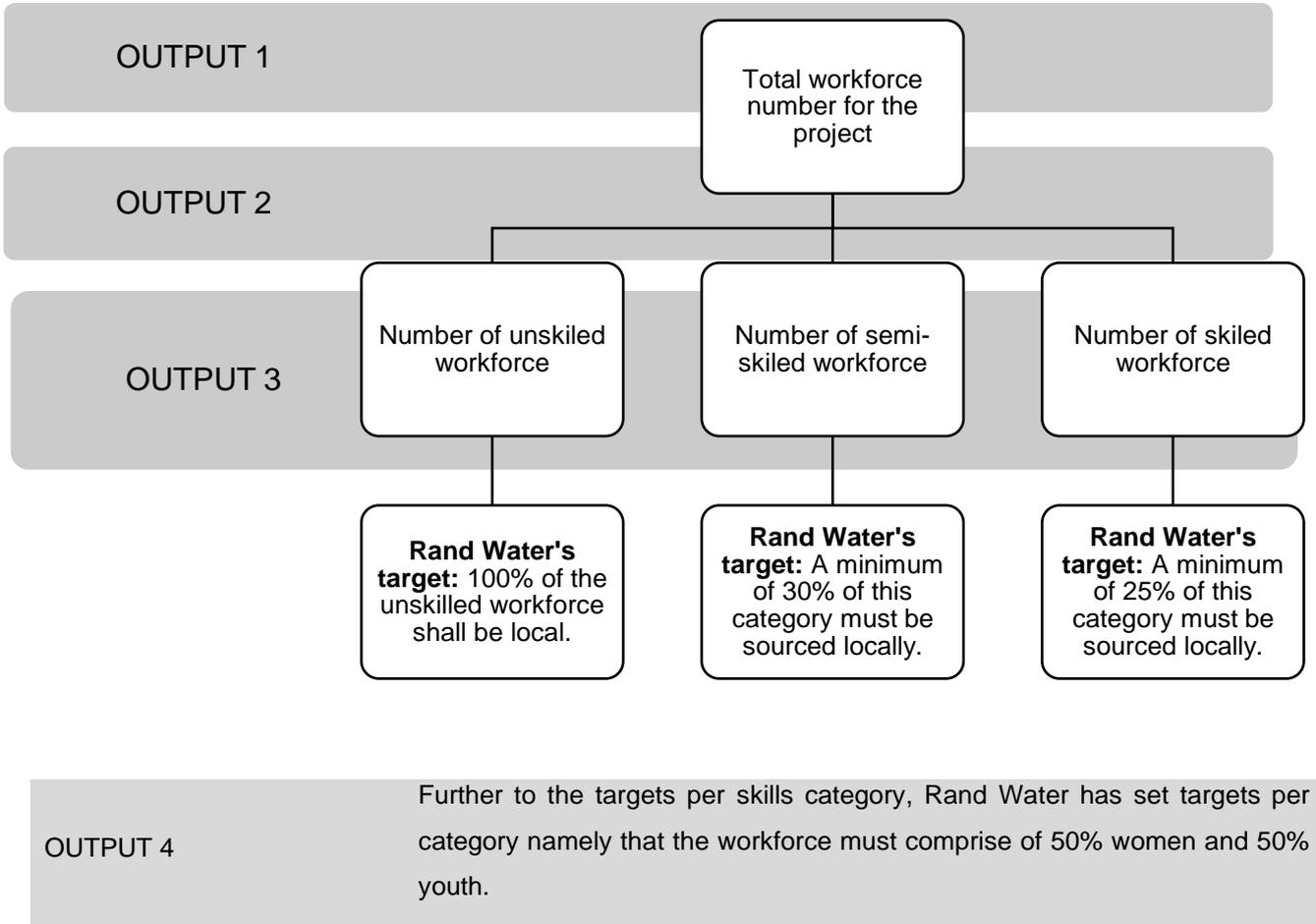
Signed by or on \_\_\_\_\_ Official  
 behalf of Bidder: \_\_\_\_\_ Capacity: \_\_\_\_\_

Date: \_\_\_\_\_

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

**T2.2.9.1. JOB CREATION REQUIREMENT (Not Applicable)**

The Bidder's recruitment plan must indicate the following information:



The Bidder must ensure that the required recruitment plan adheres to the requirements of this section and must also include a proposed method of recruitment.

The Bidder agrees to adhere to the Rand Water's SED requirements.

Name of Bidder: \_\_\_\_\_

Signed by or on behalf of Bidder: \_\_\_\_\_ Official Capacity: \_\_\_\_\_

Date: \_\_\_\_\_

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

T2.2.9.2 SED MATRIX (Not Applicable)

KEY PERFORMANCE AREA	INDICATOR	MEASURE	TARGET	QUANTITY	COST	TIMELINE			COMMENTS
						START	END	DURATION	
<b>Job Creation</b>  <i>Total workforce number for the project:</i>  <i>(insert)</i>  .....	Employment: Unskilled	Percentage of total projected workforce in the skills category	100%						
	<i>Insert</i>	<i>Rate:</i>							
	Employment: Semi-skilled	Percentage of total projected workforce in the skills category	Minimum 30%						
	<i>Insert</i>	<i>Rate:</i>							
	Employment: Skilled	Percentage of total projected workforce in the skills category	Minimum 25%						
	<i>Insert</i>	<i>Rate:</i>							
<b>Skills Development</b>	Accredited Training Programmes: Unskilled <b>(MANDATORY)</b>	Rand Value Number of unskilled people trained on accredited training	Rand value of 18.1 in the BoQ Number of unskilled indicated in the Bidder's recruitment plan						
		Rand Value	Rand value of 18.1 in the BoQ						
	Work Integrated Learning: Undergraduates	Number of undergraduates trained and provided workplace experience	Number of unskilled indicated in the Bidder's recruitment plan						
	Professionalisation Programmes: Graduates	Rand Value Number of graduates trained	Rand value of 18.1 in the BoQ Number of unskilled						

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

KEY PERFORMANCE AREA	INDICATOR	MEASURE	TARGET	QUANTITY	COST	TIMELINE			COMMENTS
						START	END	DURATION	
		and provided workplace experience	indicated in the Bidder's recruitment plan						
<b>Social Responsibility</b>	Community development initiatives	Rand value	Rand value of 18.3 in the BoQ						
<b>Social Facilitation</b>	Appointment of CLOs	Rand value	Rand value of 18.4 in the BoQ						
	Work allocated to local enterprises that are 51% black owned	Rand value	Rand value in section 5 item 5.3.6.5 and 5.3.6.6						
<b>Participation of Local Enterprises</b>	Procurement of non-core services and materials from local enterprises that are a minimum 51% black owned	Rand value	100%						
<b>TOTALS</b>									The Bidder must indicate the total cost

Rand Water will commence the monitoring of SED implementation three (3) months after the acceptance of the letter of award by the successful Bidder. The Bidder agrees to adhere to the Rand Water's SED requirements.

Name of Bidder: \_\_\_\_\_

Signed by or on behalf of Bidder: \_\_\_\_\_

Official

Capacity: \_\_\_\_\_

Date: \_\_\_\_\_

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

**T2.2.9.3. SED CHECKLIST (NOT APPLICABLE)**

All items in this checklist must be completed. If any of the items are not addressed as required (i.e. indicated as "No" or no attachment where an attachment is required), the Bidder's submission will be deemed non-responsive.

	ITEM	REQUIREMENT	YES	NO
1.	<b>Job Creation</b>	Attach the Recruitment Plan (refer to T2.2.13.1)		
2.	<b>Skills Development</b>	Attach a comprehensive proposal for training programmes for unskilled, undergraduate and graduate, as applicable.  The provision of accredited training for the unskilled group is a <b>mandatory</b> requirement.		
3.	<b>Social Responsibility</b>	Attach a comprehensive proposal for local community development.		
4.	<b>Participation of Local Enterprises</b>	<ul style="list-style-type: none"> <li>The work highlighted for Participation of Local Enterprises is work that must be issued to local enterprises that are a minimum 51% black owned. This is a minimum. The Bidder must ensure that the work to be allocated to local enterprises amounts to a minimum of 5% of the whole work. This must be indicated clearly in the Bidder's SED plan.</li> <li>The sourcing of local enterprise shall be a competitive process. The method of sourcing must be pre-approved by Rand Water.</li> <li>Attach a procurement plan for non-core services and materials required. Rand Water's target is that the Bidder must procure 100% of these services and materials from local enterprises that are a minimum 51% black owned.</li> </ul>		
5.	<b>Social Facilitation</b>	The Bidder must provide the costing with reference to 18.4.		

The Bidder agrees to adhere to the Rand Water's SED requirements.

Name of Bidder: \_\_\_\_\_

Signed by or on behalf of Bidder: \_\_\_\_\_ Official Capacity: \_\_\_\_\_

Date: \_\_\_\_\_

**THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS**

**T2.2.10. RECORD OF PREVIOUS EXPERIENCE, QUALITY OF WORKMANSHIP AND SAFETY**

The Bidder shall provide details of **completed** works (similar to the work set out in this bid). Individuals listed as references must be contactable and willing to provide information relating to the performance of the Bidder (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.

The Bidder must take into cognisance the functionality criteria in providing the record of previous experience. Information must be provided in the following format:

<b>Description of Works</b>	
Project Title :	
High level project description:	
<b>Product Name:</b>	
<b>Quantities Supplied:</b>	
Client :	
Contract No. :	
Contract Value (excl. VAT) :	
<b>Overall Performance Rating- Score (% Percentage):</b>	
Role <sup>(Note 1)</sup> :	
Award Date :	
Completion Date :	
Location of Works :	
Project Manager :	
Construction Manager :	
<b>Contact Details of Reference at Client Company</b>	
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.	

<b>Description of Works</b>	
Project Title :	
High level project description:	
<b>Product Name:</b>	
<b>Quantities Supplied:</b>	
Client :	
Contract No. :	
Contract Value (excl. VAT) :	
<b>Overall Performance Rating- Score (% Percentage):</b>	
Role <sup>(Note 1)</sup> :	

**THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS**

Award Date :
Completion Date :
Location of Works :
Project Manager :
Construction Manager :
<b>Contact Details of Reference at Client Company</b>
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.

<b>Description of Works</b>
Project Title :
High level project description:
<b>Product Name:</b>
<b>Quantities Supplied:</b>
Client :
Contract No. :
Contract Value (excl. VAT) :
<b>Overall Performance Rating- Score (% Percentage):</b>
Role <sup>(Note 1)</sup> :
Award Date :
Completion Date :
Location of Works :
Project Manager :
Construction Manager :
<b>Contact Details of Reference at Client Company</b>
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.

Name of Bidder:

Signed by or on \_\_\_\_\_ Official  
 behalf of Bidder: \_\_\_\_\_ Capacity: \_\_\_\_\_

Date: \_\_\_\_\_

---

**T2.2.11. HUMAN RESOURCE CAPACITY SCHEDULE**

The aspects covered by T2.2.11.1, T2.2.12.2 and T2.2.12.3 will be viewed in conjunction with each other to establish an overall picture of the Bidder's capacity and ability to undertake the work specified in this document.

**T2.2.11.1. Project Team Organogram vs. Company Organogram**

The Bidder 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:

Name of Bidder: \_\_\_\_\_

Signed by or on behalf  
of Bidder: \_\_\_\_\_

Official  
Capacity: \_\_\_\_\_

Date: \_\_\_\_\_



**THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS**

**T2.2.11.3. List of Current Contracts (Workload)**

<b>Contract or Work Title</b>	<b>Client</b>	<b>Contract Value (excl. VAT)</b>	<b>Role <sup>NOTE 1</sup></b>	<b>Progress</b>
				Award Date: Completion Date: % Complete: Stage <sup>NOTE2</sup> :
				Award Date: Completion Date: % Complete: Stage <sup>NOTE2</sup> :
				Award Date: Completion Date: % Complete: Stage <sup>NOTE2</sup> :
				Award Date: Completion Date: % Complete: Stage <sup>NOTE2</sup> :
				Award Date: Completion Date: % Complete: Stage <sup>NOTE2</sup> :

**NOTES**

1. Role refers to the Contractor's responsibility with regard to 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 Bidder: \_\_\_\_\_

Signed by or on behalf of Bidder: \_\_\_\_\_ Official Capacity: \_\_\_\_\_

Date: \_\_\_\_\_



**T2.2.13. SAFETY, HEALTH, AND ENVIRONMENT (Not applicable)**

**1. Safety and Health Policy**

Bidders shall submit a copy of their company's internal Safety and Health Policy.

**2. Safety, Health and Environment (SHE) Plan**

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

**3. Safety, Health and Environment (SHE) Risk assessment**

Bidders shall submit the project specific SHE risk assessment.

**4. DIFR Status**

Bidders 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

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

**Table T2.2.17: Safety, Health, and Environment**

Name of Bidder: \_\_\_\_\_

Signed by or on \_\_\_\_\_ Official  
 behalf of Bidder: \_\_\_\_\_ Capacity: \_\_\_\_\_

Date: \_\_\_\_\_



**THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS**

**T2.2.15. RECOMMENDED SPARES, SPECIAL TOOLS AND SERVICING FACILITIES (Not Applicable)**

Number recommended	Description	Price each
		R

SERVICING FACILITIES (Name and address of depot and available facilities).

.....

.....

.....

Special tools provided .....

.....

.....

.....

Name of Bidder:

\_\_\_\_\_

Signed by or on behalf of Bidder:

Official Capacity:

\_\_\_\_\_

Date:

\_\_\_\_\_

**THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS**

**T2.2.16. 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. In addition, a comprehensive risk mitigation plan aligning to the risk events (and any other risk events identified) must be submitted with this Bid (add to returnables) including a separate Project Risk Management Register for an import proposal.

RISK IDENTIFICATION						QUALITATIVE RISK ASSESSMENT		RISK RESPONSE PLAN	
#	RISK CATEGORY	RISK EVENT	CAUSE	EFFECT	THREAT OR OPPORTUNITY	PROBABILITY	IMPACT	RESPONSE STRATEGY	RESPONSE ACTIONS
1	External	Manufacturing plant non-compliance	Plant maintenance	Inability to disinfect the water resulting in health implications to Rand Water's customers. Inferior product quality	Threat	Very likely	High		
			Unavailability of raw materials (i.e. force majeure, electricity and any other unforeseen circumstances.)						
			Audit findings not cleared						
2	External	Non delivery of disinfection chemicals	Transport & labour strike	Inability to disinfect the water resulting in health implications to Rand Water's customers, Reputational damage and operational loss	Threat	Very likely	High		
			Unavailability of disinfection chemicals from primary manufacturer						
			Adverse weather conditions						
3	External	Non-compliance to Rand Water's product quality specification	Inferior product quality produced	Disinfection chemicals with inferior quality delivered resulting in non-compliance to Rand Water's specification and SANS 241 standard and health implications for consumers	Threat	Very likely	High		
			Cross contamination during loading						
			Product tampering while in-transit						
4	External	Supply and delivery contract suspended	Suppliers credit allocation/limit exceeded	Non delivery of disinfection chemicals resulting in Rand Water being unable to disinfect the water. This will cause health implication risk to Rand Water's customers, reputational damage and operational loss	Threat	Very Likely	High		
			Manufacturers account not paid/in arrears Insufficient credit limit						

Name of Bidder: \_\_\_\_\_

Signed by or on behalf of Bidder: \_\_\_\_\_

Official Capacity: \_\_\_\_\_

Date: \_\_\_\_\_

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

**T2.2.17. PENALTY TABLE**

The Bidder is required to acknowledge the penalty table by signing this schedule.

PENALTY TABLES					
DELAYS ON ITEMS ATTRACTING PENALTIES	Value of Contract (Excl VAT.) in millions R				
	<1	≥1<5	≥5<20	≥20<50	≥50
Late deliveries in excess of three (3) instances per site per year (Rand's per day delay)	2% of the value of the delayed consignment				
<b>DEFECTS IN QUALITY</b>					
If the quality of any batch of disinfection chemicals delivered is not in line with the tendered product, tender specification and product guarantee commitment.	The price for the supply and delivery of the product shall be reduced by 10% for that specific delivery.				
<b>SHERQ</b>					
a) SHERQ non-conformances, corrective and preventative actions not resolved within the agreed target dates	1 000	5 000	10 000	10 000	10 000
<b>Agreed target dates exceeding 5 working days</b>					
b) Non-reporting of SHERQ incidents and statistics within the required timeframe	1 000	5 000	10 000	10 000	10 000
Within a shift / Within 24 hrs					
c) Repeat SHERQ non conformances	2 000	10 000	20 000	20 000	20 000
<b>SED Implementation (Not Applicable)</b>					
a. Failure to implement SED objectives (Rands per day delay)	1 000	5 000	10 000	10 000	10 000

Name of Bidder: \_\_\_\_\_

Signed by or on behalf of Bidder: \_\_\_\_\_ Official Capacity: \_\_\_\_\_

Date: \_\_\_\_\_

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

**T2.2.18A PRODUCT GUARANTEE: CHLORINE**

**NOTE:** This schedule must be completed in full and an authenticated Certificate of Analysis (COA) issued by an appropriate authority that certifies the quality/purity of the product according to the respective standards and or specifications referenced must be attached.

- Rand Water will review the COA submitted with respect to the determinants listed in Table 1, as well as any other determinants deemed necessary by Rand Water to ascertain the product is fit for purpose prior to award
- The stated requirements of Table 1 correspond to the specifications of the SANS 50937:2007 standard.

**QUALITY**

I/We guarantee that the chlorine supplied will, when delivered have the following physical and chemical properties:

**TABLE 1: Chlorine**

CHLORINE SPECIFICATION				
DETERMINANT	SPECIFICATION LIMITS	TENDER SPECIFICATION LIMIT (TENDERER TO COMPLETE)		
Density	3.169 kg/m <sup>3</sup> at 0°C	..... kg/m <sup>3</sup> at 0°C		
	2.945 kg/m <sup>3</sup> at 20°C	..... kg/m <sup>3</sup> at 20°C		
Solubility in water	7.26 g/l at 20°C and 100kPa	..... g/l at 20°C and 100kPa		
Vapour pressure	669 kPa at 20°C	..... kPa at 20°C		
Boiling point at 100 kPa	-34°C at 100 kPa	..... °C at 100kPa		
Liquefaction point	-101°C at 100 kPa	..... °C at 100kPa		
Specific heat (gas)	475 J (kg.K) at 0°C	..... J (kg.K) at 0°C		
Viscosity (dynamic) gas	1333 x 10 <sup>-8</sup> Pa.s at 20°C	..... Pa.s at 20°C		
Critical temperature	144°C	..... °C		
Critical pressure	7710.83 kPa	..... kPa		
CHLORINE GAS CONCENTRATION				
Chlorine gas concentration	≥99.5% (m/m) chlorine	..... %m/m Chlorine		
IMPURITIES AND BY-PRODUCTS				
Moisture (H <sub>2</sub> O)	≤20 mg/kg of product	..... mg/kg of product		
Nitrogen trichloride	≤20 mg/kg of product	..... mg/kg of product		
TOXIC SUBSTANCES				
Mercury (Hg)	Limit in mg/kg of product		Limit in mg/kg of product	
	Type 1	Type 2	Type 1	Type 2
	≤0.1 mg/kg	≤1.0 mg/kg	..... mg/kg	..... mg/kg

**NB: Rand Water' Process Technology will not conduct laboratory testing for chlorine gas. The Suppliers/manufacturer's COA will be used to determine compliance to the stipulated specification limits.**

Name of Bidder: \_\_\_\_\_

Signed by or on behalf of Bidder: \_\_\_\_\_ Official Capacity: \_\_\_\_\_

Date: \_\_\_\_\_

**THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS**

- 
- a. I/We guarantee to provide proof that the product offered complies with the SANS 50937:2007 standard - "Chemicals used for treatment of water intended for human consumption- Chlorine" and any subsequent revision thereof.
  
  - b. Chlorine supplied shall not contain any constituent that may have a detrimental effect on the potable water production in Rand Water's treatment systems, deleterious effect on water quality or be objectionable or harmful to human beings, animal or the environment in any way if used in the prescribed way for the intended purpose.
  
  - c. I/We guarantee to supply any other information regarding quality of chlorine (e.g. Impurities and any determinants not specified above)

Name of Bidder: \_\_\_\_\_

Signed by or on  
behalf of Bidder: \_\_\_\_\_

Official  
Capacity: \_\_\_\_\_

Date: \_\_\_\_\_

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

**DELIVERY- CHLORINE**

**NOTE** - This schedule must be completed in full. Supporting documents include:

- A detailed letter from the transporting company, stipulating the support and the nature of the agreement must be attached.
- The Method Statement, detailing
  1. Step by step process regarding safe handling of the product and protection against wear and tear,
  2. Outline process from the receipt of an order to delivery, including all check points and hazard points as well as details of relevant personnel,
  3. Outline step by step process for invoicing including handling of invoicing queries and discrepancies.

I/We guarantee the delivery of the ordered quantities of chlorine to be delivered to Rand Water's Vereeniging and Zuikerbosch water treatment plants, Palmiet, Zwartkopjes, Eikenhof and Mapleton booster pumping stations, Vaaloewer and Vaal Marina Water Treatment Works, Sebokeng, Rietspruit and Leeuwkuil Waste Water Treatment Works within **two (2)** days after receipt of an order.

Name of Transporters	
Duration of relationship between supplier and transporter	
Physical address of transporter/s	

Name of Bidder: \_\_\_\_\_

Signed by or on \_\_\_\_\_ Official  
 behalf of Bidder: \_\_\_\_\_ Capacity: \_\_\_\_\_

Date: \_\_\_\_\_

**T2.2.18B PRODUCT GUARANTEE: SODIUM HYPOCHLORITE**

**NOTE:** This schedule must be completed in full and an authenticated Certificate of Analysis issued by an appropriate authority that certifies the quality/purity of the product according to the respective standards and or specifications referenced must be attached.

- Rand Water will review the COA submitted with respect to the determinants listed in Table 2, as well as any other determinants deemed necessary by Rand Water to ascertain the product is fit for purpose prior to award
- The stated requirements of Table 2 correspond to the specifications of the SANS 50901:2020 standard.
- Acceptance of the bid submitted to Rand Water will be informed by the laboratory evaluation report. The results will be confidential, and Rand Water shall be under no obligation to release detailed information about the results obtained during the evaluation to any of the competitive Bidders.

**QUALITY**

I/We guarantee that the sodium hypochlorite supplied will, when delivered have the following physical and chemical properties:

**TABLE 2: Sodium Hypochlorite**

SODIUM HYPOCHLORITE SPECIFICATION		
DETERMINANT	SPECIFICATION LIMITS	TENDER SPECIFICATION LIMIT (TENDERER TO COMPLETE)
Free available chlorine	≥13% m/m	..... % m/m
Sodium chlorate	≤5.4% m/m	..... % m/m
Arsenic (As)	≤1 mg/kg	..... mg/kg
Cadmium (Cd)	≤2.5 mg/kg	..... mg/kg
Chromium (Cr)	≤2.5 mg/kg	..... mg/kg
Mercury (Hg)	≤3.5 mg/kg	..... mg/kg
Nickel (Ni)	≤2.5 mg/kg	..... mg/kg
Lead (Pb)	≤15 mg/kg	..... mg/kg
Antimony (Sb)	≤20 mg/kg	..... mg/kg
Selenium (Se)	≤20 mg/kg	..... mg/kg

- a. I/We guarantee to provide proof that the product offered complies with the Type 1 requirements of the SANS 50901:2020 Standard.
- b. The sodium hypochlorite shall not contain any constituent that may have a detrimental effect on the potable water production in Rand Water's treatment systems, deleterious effect on water quality or be objectionable or harmful to human beings, animal or the environment in any way if used in the prescribed way for the intended purpose.
- c. The sodium hypochlorite should not have any trace amount of nickel, copper and suspended solids.
- d. Provide proof that the product offered complies with the SANS 50901:2020 Standard "Chemicals used for treatment of water intended for human consumption – **Sodium Hypochlorite**" and any subsequent revision thereof.
- e. I/We guarantee to supply any other information regarding quality of sodium hypochlorite (e.g. impurities).

Name of Bidder: \_\_\_\_\_

Signed by or on behalf of Bidder: \_\_\_\_\_ Official Capacity: \_\_\_\_\_

Date: \_\_\_\_\_

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

**DELIVERY- SODIUM HYPOCHLORITE**

**NOTE** - This schedule must be completed in full. Supporting documents include:

- A detailed letter from the transporting company, stipulating the support and the nature of the agreement must be attached.
- The Method Statement, detailing
  1. Step by step process regarding safe handling of the product and protection against wear and tear,
  2. Outline process from the receipt of an order to delivery, including all check points and hazard points as well as details of relevant personnel,
  3. Outline step by step process for invoicing including handling of invoicing queries and discrepancies.

I/We guarantee the delivery of the ordered quantities of sodium hypochlorite to be delivered to Sasolburg, Trichardt, Wildebeesfontein, Daleside, Hartebeeshoek and Cullinan Tertiary Pumping Stations within **three (3)** days after receipt of an order.

Name of Transporters	
Duration of relationship between supplier and transporter	
Physical address of transporter/s	

Name of Bidder: \_\_\_\_\_

Signed by or on behalf of Bidder: \_\_\_\_\_ Official Capacity: \_\_\_\_\_

Date: \_\_\_\_\_

**THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS**

**T2.2.19 SUPPLIER / MANUFACTURER DETAILS**

**NOTE** - This schedule must be completed in full, supporting documents include:

- The bidder is required to respond to both Part A and B. In line with Rand Water's risk mitigation strategy, chlorine and sodium hypochlorite must be sourced from one manufacturer.
- All quality assurance certificates (i.e. SHEQ) must be submitted.
- A detailed letter from the manufacturing company, stipulating the support and the nature of the agreement must be attached.

Name and address of manufacturer	
Annual production capacity of chlorine, in tons/year	
Present production rate of chlorine, in tons/year	
Storage capacity of chlorine at Supplier/Manufacturer's site	
Annual production capacity of sodium hypochlorite, in tons/year	
Present production rate of sodium hypochlorite, in tons/year	
Storage capacity of sodium hypochlorite at Supplier/Manufacturer's site	
Contact Person	
Contact Numbers	
Clearly detail the manufacturing process for the production of chlorine and sodium hypochlorite.	
Give details of the raw materials used in the manufacturing process in terms of chemical purity and source:	
Quality Control Systems used:	

Name of Bidder: \_\_\_\_\_

Signed by or on \_\_\_\_\_ Official  
 behalf of Bidder: \_\_\_\_\_ Capacity: \_\_\_\_\_

Date: \_\_\_\_\_

**SECTION B: CONTRACT**

**PART C1: AGREEMENT AND CONTRACT DATA**

**C1.1. FORM OF OFFER AND ACCEPTANCE**

**C1.1.1. LETTER OF BID**

**LETTER OF BID**

DESCRIPTION: TENDER FOR THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

BID NO: **RW10398090/22**

TO: The Bid Submission Box  
Rand Water Head Office  
522 Impala Road  
Glenvista, Johannesburg  
Attention: Aphilile Thuntulwane

We have examined the Conditions of Contract, Specifications, Drawings, Schedules, the attached Appendix and Addenda No.'s ..... for the execution of the above named Works. We offer to execute and complete the Works and remedy any defects therein in conformity with this Bid which includes all said documents, for the total sum of in South **African Rand ZAR/ton for the supply and delivery of chlorine** ( \_\_\_\_\_ )

**Amount in Words inclusive of all taxes)** or such other sum as may be determined in accordance with the Conditions of Contract.

We have examined the Conditions of Contract, Specifications, Drawings, Schedules, the attached Appendix and Addenda No.'s ..... for the execution of the above named Works. We offer to execute and complete the Works and remedy any defects therein in conformity with this Bid which includes all said documents, for the total sum of in South **African Rand ZAR/ton for the supply and delivery of sodium hypochlorite** ( \_\_\_\_\_ )

**Amount in Words inclusive of all taxes)** or such other sum as may be determined in accordance with the Conditions of Contract.

Rand Water does not bind itself to accept any specific quantity of disinfection chemicals during the duration of the contract. In this regard and for avoidance of any doubt, disinfection chemicals will be on need basis and thus as and when required. Bidders should note that the stipulated quantities shall only be used as an estimate and/or as an indication of the probable quantity which may be required by Rand Water.

Payment will only be made for such requested volumes of sand and Rand Water shall therefore not be held to the estimated quantity and to the estimated contract value thereof. Nothing in the document and the Agreement shall be interpreted as acceptance by Rand Water of any specific quantity and/or acceptance of the liability in respect of the quantity or of the contract value and bidders agrees that any such quantities are only given as an estimate and therefore neither party shall therefore be bound to any such quantity or to the estimation.

The total ZAR value quoted above, to include the sum of imported equipment/material sourced directly from outside South Africa. The applicable currency of origin/s must be converted to South African Rand (ZAR) using the closing rate of exchange as published by SARB on the date, one week (7-day calendar days) prior to the closing date for the Bid.

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

The Bidder shall further complete the offer/letter and stipulate the sum in the currency of origin (i.e. Euro, USD, GBP or any other currency) as noted below.

for \_\_\_\_\_ the \_\_\_\_\_ sum \_\_\_\_\_ of \_\_\_\_\_ in \_\_\_\_\_ **Euro/ton**  
 (€ \_\_\_\_\_ **Amount**  
**in Words inclusive of all taxes\***) or such other sum as may be determined in accordance with the Conditions of Contract.

for \_\_\_\_\_ the \_\_\_\_\_ sum \_\_\_\_\_ of \_\_\_\_\_ in \_\_\_\_\_ **USD/ton** (\$ \_\_\_\_\_  
 \_\_\_\_\_ **Amount in Words inclusive of all taxes \***) or such other sum  
 as may be determined in accordance with the Conditions of Contract.

for \_\_\_\_\_ the \_\_\_\_\_ sum \_\_\_\_\_ of \_\_\_\_\_ in \_\_\_\_\_ **GBP/ton** (£ \_\_\_\_\_  
 \_\_\_\_\_ **Amount in Words inclusive of all taxes \***)  
 or such other sum as may be determined in accordance with the Conditions of Contract.

for the sum of in **any other currency/ton** ( \_\_\_\_\_  
 \_\_\_\_\_ **Amount in Words inclusive of all taxes \***) or such other sum  
 as may be determined in accordance with the Conditions of Contract.

**\*Applies to international suppliers that are registered for all taxes in South Africa**

We accept your suggestions for the appointment of the DAB, as set out in the Appendix to Bid.

We agree to abide by this Bid for a period of 180 days from the Submission Date and Time for Bids and it shall remain binding upon us and may be accepted at any time before that date. We acknowledge that the Appendix forms part of this Letter of Bid.

If this offer is accepted, we will provide the specified Performance Security, commence the Works as soon as is reasonably practicable after the Commencement Date, and complete the Works in accordance with the above-named documents within the Time for Completion.

Unless and until a formal Agreement is prepared and executed this Letter of Bid, together with your written acceptance thereof, shall constitute a binding contract between us.

We understand that you are not bound to accept the lowest or any bid you may receive.

Signature..... in the capacity of.....

duly authorized to sign bids for and on behalf of.....

Address: .....

Date:.....

Signature of Witness: \_\_\_\_\_

Signature of Witness: \_\_\_\_\_

Name of Witness: \_\_\_\_\_

Name of Witness: \_\_\_\_\_

Date: \_\_\_\_\_ Date : \_\_\_\_\_

**C1.1.2. CONTRACT AGREEMENT**

**This Agreement** made on the \_\_\_\_\_ day of (month) \_\_\_\_\_ (year)\_\_\_\_\_ between

**RAND WATER**

(hereinafter called "the Employer")

And

\_\_\_\_\_  
(hereinafter called "the Contractor").

Whereas the Employer desires that the Works known supply and delivery of Disinfection Chemicals to Rand Water's Various Plants for a Period of Five (5) Years should be executed by the Contractor, and has accepted a bid by the Contractor for the execution and completion of these Works and the remedying of any defects therein,

**The Employer and the Contractor agree as follows:**

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement:
  - a. The Letter of Award
  - b. The Letter of Bid (incorporating the Appendix to Tender)
  - c. The Conditions of Contract
  - d. The Employer's Requirements
  - e. The Returnable Schedules
  - f. The Contractor's Proposal
  - g. The Bid Addenda (where applicable)
  - h. Additional Information Provided by Contractor (where applicable)
3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein, in conformity with the provisions of the Contract.
4. The Employer hereby covenants to pay the Contractor, in consideration of the execution and completion of the Works and the remedying of defects therein, the Contract Price at the times and in the manner prescribed by the Contract.

Authorised signature of Employer

Authorised signature of Contractor

\_\_\_\_\_  
for and on behalf of the Employer

\_\_\_\_\_  
for and on behalf of the Contractor

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

---

Name: \_\_\_\_\_  
Designation: **CHIEF EXECUTIVE** \_\_\_\_\_  
Date: \_\_\_\_\_  
\_\_\_\_\_

Name: \_\_\_\_\_  
Designation: \_\_\_\_\_  
Date: \_\_\_\_\_  
\_\_\_\_\_

In the presence of the undersigned witnesses:

Name: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
\_\_\_\_\_

Name: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
\_\_\_\_\_

---

## C1.2. CONTRACT DATA

### C1.2.1. GENERAL CONDITIONS

#### 1. GENERAL PROVISIONS

##### 1.1 Definitions

In the Contract as defined below, the words and expressions defined shall have the following meanings assigned to them, except where the context requires otherwise:

- 1.1.1 **“Actual Date of Delivery”** means the date or dates on which the Purchaser accepts Delivery of the Goods in terms of the Contract.
- 1.1.2 **“Agreement”** means the Contract Agreement (if any) referred to in Sub-Clause 1.4 [*Contract Agreement*].
- 1.1.3 **“Commencement Date”** means the date recorded in the Letter of Award unless otherwise defined in the Agreement.
- 1.1.4 **“Contract”** means the Agreement, the Letter of Award, the Form of Offer, the Annexures to the Form of Offer, the Conditions of Contract, the Specifications, the Bid Addenda and any further documents (if any) listed in the Agreement or in the Letter of Award.
- 1.1.5 **“Country”** means the Republic of South Africa.
- 1.1.6 **“day”** means a calendar day.
- 1.1.7 **“Defect”** means any aspect of the Goods which is not to the reasonable satisfaction of the Purchaser's Representative, and without limiting the generality of the afore-going, including the lack of an essential element or proper performance for the purpose of which it was purchased and **“defective”** shall have the corresponding meaning.
- 1.1.8 **“Delivery”** means the delivery of the Goods to the Purchaser by the Supplier to the Site in accordance with the Contract.
- 1.1.9 **“Date(s) for Delivery”** means the date or dates recorded in the Letter of Award or any extension thereto in terms of Sub-Clause 9.3 [*Extension of Time for Delivery*] by when Delivery of the Goods in accordance with the Contract shall be made.
- 1.1.10 **“Documentation”** means any test certificates, reports, records, training materials, spare part manuals, maintenance manuals, programmes, drawings, wiring diagrams and other pertinent documents to be supplied to the Purchaser by the Supplier in terms of the Contract together with any modifications to such documentation as may be approved in writing by the Purchaser.
- 1.1.11 **“Force Majeure”** means an exceptional event or circumstance: which is beyond a Party's control; which such Party could not reasonably have provided against before entering into the Contract; which having arisen, such Party could not reasonably have avoided or overcome; and, which is not substantially attributable to the other Party. The mere shortage of labour, materials, manufacturing equipment or utilities of the Supplier or its Sub-contractors shall not constitute Force Majeure unless caused by circumstances which are themselves Force Majeure.
- 1.1.12 **“Goods”** means the equipment, machinery, apparatus, materials, articles, Documentation, services and things of all kinds to be supplied and Delivered by the Supplier to the Purchaser in terms of the Contract.
- 1.1.13 **“Latent Defect”** means a Defect which a reasonable inspection of the Goods by the Purchaser's Representative would not detect.

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

---

- 1.1.14 **“Latent Defects Liability Period”** means the period during which the Supplier shall be liable for the repair or replacement, as notified by the Purchaser’s Representative, in respect of Defective Goods, which period begins on the Actual Date(s) of Delivery and terminates on expiry of the period stated in the Particular Conditions.
- 1.1.15 **“Packaging”** means all bags, boxes, cases, crates, drums, pallets and any other container of whatever description used for the storage, protection and delivery of the Goods.
- 1.1.16 **“Particular Conditions”** means the Particular Conditions of the Contract forming an integral part of the Contract.
- 1.1.17 **“Party”** means either the Purchaser or the Supplier.
- 1.1.18 **“Purchaser”** means Rand Water which is a body corporate established in terms of Section 83 of the Water Services Act 107 of 1997.
- 1.1.19 **“Purchase Price”** means the sum named in or ascertainable in terms of the Contract as the price to be paid by the Purchaser in respect of the Goods to be provided, subject to such additions thereto or deductions therefrom as may be made under the Contract.
- 1.1.20 **“Purchaser’s Representative”** means the person defined as such in the Particular Conditions and appointed on behalf of the Purchaser for the purpose of the Contract or such other person appointed from time to time by the Purchaser and notified to the Supplier under Sub-Clause 3.2 [*Purchaser’s Representative*]
- 1.1.21 **“Retention”** means the aggregate of the monies retained by the Purchaser for the competent completion of the Contract by the Supplier.
- 1.1.22 **“Site”** means the location recorded in the Particular Conditions where Delivery of the Goods to the Purchaser is to be effected in terms of the Contract – such location excludes the Supplier’s usual premises and the Supplier’s permanent manufacturing and fabrication facilities.
- 1.1.23 **“Specification”** means the specification of the Goods to be Delivered under the Contract including any requirements in respect of design to be carried out by the Supplier, if any, and any Variation thereto.
- 1.1.24 **“Sub-contractor”** means any person to whom any part of the Goods or services to be provided has been sub-contracted by the Supplier with the consent of the Purchaser’s Representative.
- 1.1.25 **“Supplier”** means the person named in the Letter of Award and the legal successors in title to this person, but not (except with the written consent of the Purchaser) any assignee.
- 1.1.26 **“Technical Information”** means all information supplied in the Specification(s) together with all drawings, sketches, diagrams, calculations, designs and other pertinent documents as may be furnished in writing by the Purchaser to the Supplier in connection with the Goods to be provided by the Supplier under the Contract.
- 1.1.27 **“Variation”** means any change to the Specification or Technical Information which is instructed by the Purchaser under Sub-Clause 14.1 [*Right to Vary*]
- 1.1.28 **“Works”** means the works described in the Particular Conditions to which or in which the Goods are to be incorporated and/or utilised by the Purchaser or others.
- 1.1.29 **“Writing”** means any manuscript, typewritten or printed document; signed by an authorised representative of either the Purchaser or the Supplier, and write and written shall have the corresponding meaning.

---

## 1.2 Interpretation

- 1.2.1 Words importing persons or parties shall include firms and organisations. Words importing singular or one gender shall include plural or the other gender where the context requires.
- 1.2.2 The headings of clauses in these Conditions are for reference purposes only and shall not be taken into consideration in the interpretation or construction of the Contract.

## 1.3 Law

The law of the Contract is that of the Republic of South Africa.

## 1.4 Contract Agreement

The Supplier shall within a reasonable time after having been called upon to do so, enter into and execute an Agreement.

## 1.5 Priority of Documents

The documents forming the Contract are to be taken as mutually explanatory of one another. If an ambiguity or discrepancy is found in the documents, Rand Water's Legal Services shall issue any necessary instructions to the Supplier, and the priority of documents shall be in accordance with the order as listed in the Particular Conditions.

## 1.6 Communications

Wherever provision is made for the giving or issue of any notice, instruction, or other communication by any person, unless otherwise specified such communication shall be written in English and shall not be unreasonably withheld or delayed. All instructions, notices, variations, approvals, revocations, directions, permissions, and the like communicated from one Party to the other shall be in writing. Any instructions, notices, variations, approvals, revocations, directions, permissions and the like not given in writing shall not be binding in terms of the Contract.

## 1.7 Notices

Any notices to be given in terms of the Contract may be delivered by hand, or may be sent by pre-paid registered post, or by e-mail. A notice given as set out above shall have been duly given when:

- 1.7.1 Delivered by hand (with a transmittal note) — on the date of delivery, or
- 1.7.2 Sent by pre-paid registered post — 7 calendar days after posting, or
- 1.7.3 Sent by e-mail — on the day the e-mail is transmitted.

## 1.8 Domicilium

Each Party chooses domicilium citandi et executandi at its respective registered office.

## 1.9 Whole Contract

This Contract is the entire agreement between the Parties regarding the matters addressed in the Contract. No representation, terms, conditions or warranties not contained in this Contract shall be binding on the Parties. No agreement, or addendum, varying, adding to, deleting or cancelling this Contract, including this Sub-Clause, shall be effective unless reduced to writing and signed electronically or non-electronically by both Parties.

## 1.10 Non-Waiver

No grant by either Party to the other of any indulgence, condonation, waiver or allowance shall, in respect of any specific event or circumstance other than that in respect of which the grant was made, constitute a waiver of rights of the grantor in terms of the Contract or an estoppel of the grantor's right to enforce the provisions of the Contract.

### 1.11 Confidential Details

The Supplier is deemed to have agreed to and shall at all times comply with the provisions contained in the Non-Disclosure Undertaking.

Unless otherwise provided for in the Contract, and with the exception of those matters set out herein below, the Parties warrant that each shall keep confidential all matters relating to the Contract and/or Works, and that the Parties, their employees, agents and servants shall not divulge or disclose to any organisation or any person any information, data, documents, secrets, dealings, transactions or affairs relating to or incidental to the Contract or the Works.

The obligation of confidentiality shall not apply to the following:

- (a) any matter generally available in the public domain otherwise than as a result of a breach of this clause;
- (b) any disclosure which may reasonably be required for the performance of that Party's obligations under the Contract;
- (c) disclosure of information which is required by statute, regulation or any other law;
- (d) the provision of information to contractors, consultants, sub-contractors or suppliers for purposes of executing the Contract, provided that the obligations of confidentiality herein shall be imposed mutatis mutandis upon such contractors, consultants, sub-contractors or suppliers in their respective contracts; and
- (e) the provision of information to any third person with the express written permission of the other Party.

### 1.12 Purchaser's Use of Supplier's Documents

For the purposes of this clause, Intellectual Property means statutory and common law proprietary rights in respect of patents, designs, copyright, know how, confidential information, domain names, drawings, data and all other rights in respect of Intellectual Property compiled, created or prepared in execution of the Contract.

As between the Parties, all rights, title and interest and copyright in and to any Intellectual Property, and other intellectual property rights in the Supplier's Documents and other design documents made by (or on behalf of) the Supplier and in and to any and all documents prepared in connection with the Contract shall vest in the Purchaser.

## 2. THE PURCHASER

### 2.1 Provision of Site

The Purchaser shall provide the Site and right of access thereto within such times as may be required to enable the Supplier to proceed in accordance with the programme submitted under Sub-Clause 9.2 [*Programme*].

### 2.2 Purchaser's Instructions

The Supplier shall comply with all instructions given by the Purchaser in respect of the Goods to be supplied including the suspension of all or part of the supply of such Goods.

### 2.3 Approvals

No approval or consent or absence of comment by the Purchaser or the Purchaser's Representative shall affect the Supplier's obligations.

### 2.4 Technical Information

Where applicable, the Purchaser will provide the Supplier timeously with the Technical Information necessary to enable the Supplier to fulfil its obligations under the Contract.

---

**3. PURCHASER'S REPRESENTATIVE**

**3.1 Authorised Person**

One of the Purchaser's personnel shall have authority to act for him. This authorised person shall be stated in the Particular Conditions, or as otherwise notified by the Purchaser to the Supplier.

**3.2 Purchaser's Representative**

The Purchaser shall appoint a firm or individual to carry out certain duties. The appointee shall be stated in the Particular Conditions or notified by the Purchaser to the Supplier from time to time. The Purchaser shall notify the Supplier of the delegated duties and authority of this Purchaser's Representative.

The Purchaser's Representative may from time-to-time delegate to another any of the powers, discretions, functions and authorities vested in the Purchaser's Representative and may at any time revoke any such delegation. Any such delegation or revocation will be in writing signed by the Purchaser's Representative and in the case of the delegation shall specify the powers, discretions, functions and authorities thereby delegated and the person or persons to whom same are delegated. No such delegation or revocation shall have effect until confirmation thereof in writing has been given to the Supplier. Any person to whom any such delegation is made will be entitled to exercise the powers, discretions, functions and authorities so delegated to such person as aforesaid.

**4. THE SUPPLIER**

**4.1 General Obligations**

The Supplier shall deliver the goods properly and in accordance with the Contract. The Supplier shall provide all supervision, labour, materials, plant, packaging and equipment which may be required.

**4.2 Supplier's Representative**

The Supplier shall submit to the Purchaser for consent the name and particulars of the person authorised to receive instructions on behalf of the Supplier.

**4.3 Subcontracting**

The Supplier shall not sub-contract the whole or portions of the Contract except where otherwise provided for in the Contract without the prior written consent of the Purchaser which consent shall not be unreasonably withheld.

Such consent shall not relieve the Supplier from any liability or obligation under the Contract and the Supplier shall be responsible for the acts, defaults and neglects in terms of the Contract or at law, occurring as a result of such sub-contracting.

**4.4 Assignment**

The Supplier shall not, without the consent of the Purchaser, confirmed by an amendment to the contract, assign or transfer the Contract or any part thereof or any benefits or obligations thereof to any other corporate body or person.

**4.5 Sufficiency of the Purchase Price**

The Supplier is deemed to have satisfied itself as to all conditions and circumstances of whatsoever nature and howsoever arising including the examination of the various Contract provisions and Technical Information as it affects this Contract and which may have affected its accepted tender, it is hereby understood and agreed that the Supplier shall not be entitled to claim any increase in the Purchase Price caused by circumstances not taken into account by the Supplier. The Supplier agrees that it is bound by all prices and escalation formula, representations, warranties review periods and undertaking contained in its tender document

No claim by the Supplier for additional payment will be entertained which is consequent upon any misunderstanding or the allegation, or fact that it was supplied with incorrect information by any person, or its failure to obtain correct information as to any matter affecting its accepted tender or the Delivery of the Goods

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

and services to be provided, nor will any such misunderstanding, or the obtaining of incorrect information, or the failure to obtain correct information, relieve it from any risk or responsibility for the due fulfilment of its obligations in terms of the Contract.

## 5. PURCHASER'S LIABILITIES

### 5.1 Purchaser's Liabilities

In this Contract, Purchaser's Liabilities *after delivery and acceptance by the Purchaser* mean:

- (a) war, hostilities (whether war be declared or not), invasion, act of foreign enemies, within the Country,
- (b) rebellion, terrorism, revolution, military or usurped power, or civil war, within the Country,
- (c) riot, commotion or disorder by persons other than the Supplier's personnel and other employees, affecting the Site,
- (d) ionising radiation, or contamination by radio-activity from any nuclear fuel. Or from any nuclear waste from the combustion of nuclear fuel, radio-active toxic explosive, or other hazardous properties of any explosive nuclear assembly or nuclear component of such an assembly, except to the extent to which the Supplier may be responsible for the use of any radio-active material,
- (e) Pressure waves caused by aircraft or other aerial devices travelling at sonic or supersonic speeds,
- (f) use by the Purchaser of any part of the Goods, except as may be specified in the Contract,
- (g) design of any part of the Goods by the Purchaser's personnel or others for whom the Purchaser is responsible, and
- (h) Force Majeure,
- (i) a suspension under Sub-Clause 2.2 [*Purchaser's Instructions*] unless it is attributable to the Supplier's failure,
- (j) any material failure of the Purchaser,
- (k) any delay or disruption caused by any variation,
- (l) any change to the Law of the Contract after the Commencement Date.

## 6. THE SUPPLIER'S DESIGN AND DOCUMENTATION

### 6.1 Supplier's Design

The Supplier shall carry out design to the extent specified in the Specification. The Supplier shall promptly submit to the Purchaser all designs prepared by him. Within 14 days of receipt of a design the Purchaser shall notify any comments or, if the design submitted is not in accordance with the Contract, shall reject it stating the reasons therefor. The Supplier shall not commence the manufacture of any element of the Goods designed by him during the 14 days within which the design has been submitted to the Purchaser unless it has received approval for the design. Neither shall it commence manufacture where the design for that element has been rejected. Any design that has been rejected shall be promptly amended and resubmitted. The Supplier shall resubmit all designs commented on taking these comments into account as necessary.

### 6.2 Responsibility for Design

The Supplier shall remain responsible for its design under this clause, which shall be fit for the intended purposes defined in or reasonably implied under the Contract notwithstanding any approval or disapproval by the Purchaser. The Supplier shall also remain responsible for any infringement of any patent or copyright in respect of same and indemnifies the Purchaser from the consequences thereof. The Purchaser shall be responsible for the Specification and any Technical Information provided by him to the Supplier.

### 6.3 Documentation

Prior to, or at the time of Delivery of the Goods, the Supplier shall provide the Purchaser with Documentation as required in terms of the Contract. Such Documentation shall comprise but may not be limited to operating and maintenance instructions, drawings of the Goods, as complete (in sufficient detail to enable the Purchaser to maintain, dismantle, reassemble and adjust all parts of the Goods) and spare parts lists and any other Documentation as required by the Purchaser's Representative. The Documentation shall be presented to the

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

Purchaser by the Supplier in the form and manner detailed in the Contract. The Purchaser shall have the right to reject any documentation which, in the Purchaser's sole discretion, is not of an acceptable standard.

**6.4 Responsibility for Mistakes in Documentation**

The Supplier shall be responsible for all discrepancies, errors, or omissions including faulty design and/or detailing in any Documentation whether or not such Documentation has been approved by the Purchaser, provided that such discrepancies, errors or omissions including faulty design and/or detailing are not due to discrepancies, errors or omissions in the Technical Information provided by the Purchaser.

**7. QUALITY ASSURANCE INSPECTIONS AND TESTING**

**7.1 Quality Assurance**

Unless otherwise stated in the Contract, all goods supplied by the Supplier shall be new and unused and notwithstanding its compliance with any Technical Information forming part of the Contract it shall be fit for purpose. The Supplier shall maintain an effective quality management system in accordance with the requirements of ISO 9001 (or equivalent), in order to ensure and demonstrate that the Goods conform to the specified requirements. A copy of the ISO 9001 Certification Certificate (or equivalent) shall be submitted on request.

The Purchaser shall have the right to visit the manufacturing location for the purpose of audit, surveillance or inspection during the manufacturing of the Goods to verify the Supplier's quality management.

In the event of the Goods, or any part thereof being rejected due to non-compliance with the Specification, workmanship and/or other valid reasons, then the cost of rectification as well as re-inspection shall be for the account of the Supplier.

**7.2 Purchaser's Quality Assurance Representative**

The Purchaser may appoint an independent quality assurance specialist/organisation to act in a quality surveillance capacity on the Purchaser's behalf for all or any part of the Goods to be manufactured and supplied by the Supplier and/or any of its Sub-contractors.

**7.3 Inspection and Testing by the Purchaser's Representative's**

Unless otherwise stipulated elsewhere in the Contract the Purchaser's Representative may at his sole discretion at all reasonable times before, during and after manufacture, inspect, examine and test on the Supplier's or any Sub-contractor's premises the materials and workmanship of all Goods. Such inspection, if made will be in addition to any inspection, examination or testing to be carried out by the Supplier in terms of the Contract and shall not release the Supplier from any obligation under the Contract nor be construed as an admission that the Goods are free of any patent or Latent Defects.

Additionally, the Supplier is required to hold strategic stock of the finished product equivalent to a single month supply based on Rand Water's average usage of the product at its premises and cost. Rand Water reserves the right to audit the stock holding at the Supplier's premises, at any time during the contractual period. Should this ever drop to a level below one month of stock, Rand Water is to be immediately notified.

**7.4 Notice of Inspections and Testing**

Save in the case of Goods being manufactured outside the Republic of South Africa for which special arrangements shall be agreed between the Supplier and the Purchaser's Representative, when the Purchaser's Representative notifies the Supplier that the Purchaser's Representative intends witnessing certain inspections/tests, the Supplier shall provide the Purchaser's Representative with at least 10 days prior written notice of the time, date and place at which such Goods will be ready for the said inspections and/or testing. (30 days for outside of Republic of South Africa)

**7.5 Inspection and/or Testing**

Inspection and/or testing shall be conducted in such a way that Delivery of the Goods is not delayed, and the witnessing of such inspection and testing shall not be a reason for the Supplier to delay the manufacture or Delivery of the Goods.

**7.6 Non-attendance at Inspections**

Inspections and/or testing shall not be delayed by the absence of the Purchaser's Representative. Provided the Supplier, in accordance with Sub-Clause 7.4 [*Notice of Inspection and Testing*] hereof has given notice, the Supplier may proceed with the inspections and/or testing on the date and at the place indicated in the said notice. The Supplier shall forthwith forward to the Purchaser's Representative copies of the results of the inspections and/or tests carried out.

**7.7 Re-inspection of Part or All of the Goods**

Should the Purchaser's Representative not be present to witness an inspection and/or the testing of the Goods where the Purchaser's Representative had indicated his intention to be present in accordance with Sub-Clause 7.4 [*Notice of Inspection and Testing*] hereof the Supplier shall dismantle and/or disassemble, or open up such Goods if the Purchaser's Representative so directs and again perform the specified inspections and/or testing to the satisfaction of the Purchaser's Representative.

**7.8 Rectification of Defects Revealed by Re-inspection**

Should the Goods inspected and/or tested in accordance with the provisions of Sub-Clause 7.7 [*Re-inspection of Part or All of the Goods*] hereof be Defective or not in accordance with the Contract, the Supplier shall at the Supplier's own expense and with all speed and at the Purchaser's Representative's discretion, rectify or replace the Defective items and all cost of dismantling, uncovering, testing, re-assembly or making good of the Goods shall be for the Supplier's account. In the event that such Goods so inspected and/or tested meets the requirements of the Contract or are not defective, then all such reasonable cost accepted by the Purchaser's Representative of re-inspection shall be for the Purchaser's account.

**7.9 Abortive/Repeated Attendance at Inspections/Tests**

The costs of attendance by the Purchaser's Representative at any inspections and/or testing which fail to take place through the fault of the Supplier or repeated attendance subsequent to rejection of proven Defective Goods shall be for the account of and payable by the Supplier and without prejudice to the Purchaser's rights in terms of the Contract or at law, such costs will be set off in terms of Sub-Clause 15.5 [*Set Off*] hereof and/or by the use of Retention money in terms of the contract.

**7.10 Additional Inspections and/or Testing Before Assembly**

The Purchaser's Representative may direct the Supplier to perform additional or alternative inspections and/or testing of components of the Goods. Costs of such inspections and/or testing shall be for the Purchaser's account.

**7.11 Test Facilities**

The Supplier or the Supplier's Sub-contractors shall provide at no additional cost, materials, electricity, fuel, stores, apparatus and instruments as may be necessary to carry out all tests efficiently.

**7.12 Supplier's Representation**

Inspections/tests witnessed by the Purchaser's Representative shall be performed in the presence of the Supplier or an authorised Supplier's Representative.

**8. PACKAGING AND MARKING OF GOODS**

**8.1 Packaging and Covering**

The Supplier shall ensure that all packaging and coverings shall be adequate for the safe loading, transportation, off-loading and storage of the Goods. All packing cases and packing materials shall become

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

the property of the Purchaser, and the costs thereof are deemed to have been included in the accepted Purchase Price.

**8.2 Marking of Packages, Articles and Containers**

The Supplier shall identify each and every package, bundle, bag, carton, container or article, by means of either suitable labels securely attached thereto or indelible paint thereon, with the following information:

- (a) description of the Goods;
- (b) name of the Supplier;
- (c) contract number;
- (d) such other information as may have been specified in the Contract.

All costs incurred as a result of the Supplier's failure to comply with the above instruction shall be for the account of and be payable by the Supplier.

**9. DELIVERY OF GOODS**

**9.1 Dates(s) for Delivery**

The Supplier shall commence with its obligations under the Contract on the Commencement Date and shall proceed expeditiously and without delay and shall Deliver the Goods in terms of the Contract by the Date(s) for Delivery.

**9.2 Programme**

Within the time stated in the Particular Conditions the Supplier shall submit to the Purchaser a programme for the Delivery of the Goods in the form stated in the Particular Conditions.

**9.3 Extension of Time for Delivery**

Subject to Sub-Clause 14.3 [*Early Warning*] the Supplier shall be entitled to an extension of time to the Date(s) for Delivery or any previously granted extension of time to such Date(s) if the Supplier is or will be delayed by any of the Purchaser's Liabilities.

On receipt of an application from the Supplier, the Purchaser shall consider all supporting details provided by the Supplier and shall extend the Date(s) for Delivery as appropriate.

**9.4 Delay in Delivery of the Goods**

Should the Supplier fail to deliver the Goods by the Date(s) for Delivery or any extension thereto in terms of Sub-Clause 9.3 [*Extension of Time for Delivery*] the Supplier shall pay the Purchaser penalties in the amount per day or part thereof recorded in the Particular Conditions.

The Purchaser may, without prejudice to any other method of recovery, deduct the penalties so calculated from monies due to or become due to the Supplier. The payment or deduction of such amount shall not relieve the Supplier from the Supplier's obligation to Deliver the Goods and/or the Documentation or any of the Supplier's other liabilities or obligations in terms of the Contract.

**9.5 Mode and Point of Delivery**

The mode and point of delivery (the Site) of the Goods shall be as specified in the Particular Conditions.

**9.6 Information Required Prior to Delivery**

The Supplier shall advise the Purchaser's Representative of:

- (a) Any deliveries to be made to the Purchaser 5 days in advance of any Deliveries to be made to the Site.
- (b) Any heavy loads which need to be off-loaded at the Site, and the capacity and/or reach of any crane that may be required, 10 days in advance of such Delivery.

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

- (c) Any special precautions that may be required during the off-loading process of the Goods 10 days in advance of such Delivery.
- (d) Any particular storage requirements in respect of Goods to be off-loaded, 10 days in advance of such Delivery.

The Supplier shall at the same time establish the hours during which the Purchaser accepts Goods being delivered. Should the Supplier fail to comply with any of the provisions contained in this Sub-Clause 9.6 [*Information Required Prior to Delivery*], then any resultant demurrage, re-transport costs, waiting time and/or other associated costs incurred shall be for the Supplier's account.

**9.7 Delivery Failure**

A failure by the Supplier to Deliver Goods which are not fully functional, and/or not fit for purpose and/or the failure by the Supplier to Deliver the Goods or any component of the Goods and/or Documentation, test certificates or any other thing required in terms of the Contract shall be deemed a material breach of the Contract.

The contractual service lead time specified in the Scope of Contract is an essential element of this Agreement and failure to adhere thereto shall constitute a material breach of the agreement.

The Supplier shall adhere to the delivery time period as agreed upon between the Supplier and Rand Water in terms of this agreement. If the Supplier fails to deliver the quantity of the chemical by the due date, Rand Water reserves the right to purchase the chemical elsewhere and deduct any extra expense in excess of this Agreement rates so incurred from any sum due under this contract or to claim the amount from the Supplier.

The Supplier shall make delivery of the agreed or ordered quantities of chemicals using the required care and the Supplier agrees that it will deliver and/or supply the agreed and/or ordered chemicals to Rand Water despite the occurrence of any Government actions, Labour dispute and/or Industrial action and Transport delays.

The Supplier shall not be held liable for default unless non-performance is caused by an occurrence beyond the reasonable control of the Supplier, its personnel and or Contractors and without its fault or negligence such as acts of God, fires, floods, epidemics, and delays of common Carriers.

The Supplier shall notify the authorised official of Rand Water in writing as soon as it is reasonably possible after commencement of any excusable delay, setting forth full particulars in connection therewith.

**9.8 Import Agent**

Without limiting the responsibilities of the Supplier under the Contract, the Supplier shall, in respect of any Goods or portion thereof that need to be imported by the Supplier, appoint a recognised import agent as Sub-contractor to undertake the shipping, transportation, landing, clearing and forwarding to Site of such Goods or portion thereof and the management services necessary in connection with such activities and, at the request of the Purchaser's Representative, the Supplier shall ensure that copies of all correspondence, shipping documents, air waybills etc., relating to the activities of the said import agent are forwarded to the Purchaser's Representative.

**9.9 Goods Lost in Transit**

The Supplier shall, at the Supplier's cost, replace any goods lost or damaged in transit prior to acceptance by the Purchaser howsoever caused.

**10. OWNERSHIP AND RISK**

**10.1 Passing of Ownership and Risk**

Notwithstanding the date on which payment is made by the Purchaser to the Supplier, ownership of the Goods and the risk therein shall remain with the Supplier until such time as the Goods Are Delivered to the Site and

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

are accepted by the Purchaser in terms of the Contract. The Supplier shall take full responsibility for the care of the Goods from the Commencement Date until the date the Purchaser accepts Delivery under the Contract. Responsibility shall then pass to the Purchaser. If any loss or damage happens to the Goods during the above period, the Supplier shall rectify such loss or damage so that the Goods conform with the Contract.

**10.2 Ownership and Risk of Free Issue Items**

In the event that the Purchaser provides free issue equipment to the Supplier for incorporation in the Goods, risk in such equipment shall be and remain with the Supplier until such time as the Goods are delivered to the Site and accepted by the Purchaser in terms of the Contract.

For the purpose of Sub-Clause 10.1 [*Passing of Ownership and Risk*] and 10.2 [*Ownership and Risk of Free Issue Items*] hereof Delivery shall have taken place once the Supplier's Delivery note, consignment note or waybill as the case may be has been accepted and signed by the Purchaser's Representative.

**11. GUARANTEE OF THE GOODS**

**11.1 Making Good**

The Supplier shall make good, at the Supplier's cost, and within such period as the Purchaser's Representative may stipulate, any Defects in the Goods arising from defective design, materials or workmanship or from any act or omission of the Supplier that may develop under proper use during the Latent Defects Liability Period.

**11.2 Guarantee on Replacements**

If the Supplier in terms of Sub-Clause 11.1 [*Making Good*] hereof at the discretion of the Purchaser's Representative repairs or replaces any part of the Goods, the provisions of Sub-Clause 11.1 hereof shall apply to such repairs or replacements from the date so repaired or replaced.

**11.3 Failure to Remedy Defects**

If any Defects cannot be remedied by the Supplier within the 21 calendar days, the Purchaser may after notification to the Supplier and at the Supplier's cost take such reasonable steps as may be necessary to remedy the Supplier's default, without prejudice to any other rights which the Purchaser may have against the Supplier in respect of the failure of the Supplier to remedy such Defects.

Nothing in this clause shall derogate from the Supplier's liability for Latent Defects during the Latent Defects Liability Period.

**12. ON SITE SERVICES**

In the event of the Supplier having to undertake services on the Site in fulfilment of its obligations under the Contract, including actual Delivery of the Goods on the Site, the Supplier shall comply in all respects with the following requirements: -

**12.1 Purchaser's Safety Procedures**

The Supplier shall: -

- (a) comply strictly with the Purchaser's site SHE Specifications/Rules, applicable legislation, other requirements and regulations from time to time in force, a copy of which is deemed to be incorporated into and shall be read as part of the Agreement;
- (b) be responsible for the safety and welfare of all its employees and shall comply with all relevant SHE requirements;

**12.2 Security of the Site**

The Supplier shall at all times remain responsible for the security of its own equipment.

In addition, the Supplier shall fully acquaint himself and strictly comply with all the Purchaser's security regulations particularly with regard to personnel, plant, material and equipment entering or leaving the Purchaser's property.

### 12.3 Plant, Equipment and Services

The Supplier shall provide its own accommodation and transport as well as its own, fuel, lubricants, tools, plant, equipment, etc, needed in fulfilment of all of its obligations under the Contract.

## 13. LAWS AND REGULATIONS

### 13.1 Statutory Obligations

The Supplier shall at all times conform in all respects with the provisions of any Act of Parliament, Regulations, Bye-law of any Local or any other Statutory Authority or other Enactment having the force of law which may be applicable to the performance of its obligations under the Contract and shall indemnify, and keep indemnified the Purchaser, against damages that it may suffer as a result of any breach by the Supplier, its agents or employees, including any hired labour, of any such Act, Regulation, Bye-law or other Enactment and including all legal costs on the attorney and client scale which may be payable as a result of any claims or proceedings in respect of the Contract.

### 13.2 Safety of Goods

The Supplier guarantees that, as far as reasonably practicable, the Goods hereby purchased are safe and without risk to health and safety when properly used and that the Goods comply with all the requirements of the relevant Act(s) as may be amended and as envisaged in Sub-Clause 13.1 [*Statutory Obligations*] hereof.

### 13.3 Environment Conservation Act and Regulations

The Supplier hereby indemnifies and holds the Purchaser its agents, representatives and employees harmless in respect of any claims which may arise out of the Supplier's and/or the Supplier's Sub-contractor's activities in terms of the Contract as it relates to the contravention of any aspect covered by environment legislation.

**13.3.1** Subject to provisions of Section 10 (3) and (4) of the Hazardous Chemical Substances Regulations of the Occupational Health & Safety Act 85 of 1993, every person/supplier who manufactures, imports, sells or supplies any hazardous chemical substance for use at work shall as far as reasonably practicable provide the party receiving such substance, free of charge with a material safety data sheet containing all the information as contemplated in either ISO11014 or ANSIZ400.1. 1993 with regard to:

- (a) Product and company identification;
- (b) Composition /information or ingredient;
- (c) Hazards identification;
- (d) First-aid measures;
- (e) Fire-fighting measures;
- (f) Accidental release measures;
- (g) Handling and storage;
- (h) Exposure control /personal protection;
- (i) Physical and chemical properties;
- (j) Stability and reactivity;
- (k) Toxicological information;
- (l) Ecological information;
- (m) Disposal consideration;
- (n) Transport information;
- (o) Regulatory information, and
- (p) Other information.

**13.3.2** Provided it is not reasonably practical to provide a material safety data sheet, the Manufacturer, Importer, Seller or Supplier shall supply the receiver of any hazardous chemical substance with sufficient information to enable the user to take the necessary measures with regard to health and safety measures.

**13.3.4** Subject to the provisions of section 11 (1)(2)(3) of the Hazardous Chemical Substances Regulations of the Occupational Health & Safety Act 85 of 1993, all the suppliers will ensure that the exposure of an employee is adequately controlled.

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

- 13.3.5** Any unsafe condition noticed by the Supplier, has to be reported in writing to Rand Water in order to take the necessary action according to Section 8 of the Occupational Health and Safety Act.
- 13.3.6** In addition to the legislation listed above in 13.3.1 to 13.3.5, the Supplier undertakes and warrants that it will be in compliance with all legislation, regulations, by-laws which will become applicable to it. In the event that the Supplier is in breach of any legislation, regulation and/or by-law, Rand Water shall have the right to cancel this contract with immediate effect.
- 13.3.7** The plant and equipment etc. used and all work carried out under this contract shall satisfy the requirements of the applicable legislation identified above and or any amendments thereof, also such regulations as may be framed there under at any time up to and including the date of completion of the work under this contract. The work shall also comply with any other regulations controlling the installation and operation of the entire equipment.
- 13.3.8** If any additional work is ordered by a government inspector or Rand Water's appointed representative to make the plant and equipment used comply with the regulations referred to above, the Supplier shall forthwith supply such work free of cost to Rand Water.  
In addition to any statutory obligations, the Supplier shall report to the Site Risk Control Manager every incident within 24 (twenty-four) hours of occurrence, whether such incident is in respect of injury to persons or damage to the equipment, property and environment. The report shall be in writing and shall contain full details of the occurrence.  
The Site Risk Control Manager shall have the right to make any enquiries either on the Site of the work or elsewhere as to the case and results of any such accident and the Supplier shall give the Site Risk Control Manager full facilities to carry out such enquiries and in addition shall submit a further report in writing to the Site Risk Control Manager and the Sourcing Manager within 48 (forty-eight) hours of such requirement setting out full and/or other details of the occurrence, as specified by the Site Risk Control Manager.
- 13.3.9** The Supplier undertakes to comply with the provision of applicable legislation identified and in addition, confirms that he is aware of the general duties and obligations imposed upon him/her.
- 13.3.10** Without derogation from any of the provisions of the applicable legislation, the Supplier's duties relating to the safe execution of the work are regulated by the Safety, Health and Environmental Agreement, set out in the relevant Schedule which shall be signed by the Supplier and submitted to Rand Water with his tender.
- 13.3.11** The Site Risk Control Manager will not allow any work whatsoever to proceed on Site until the Safety, Health and Environmental Agreement has been signed by the Supplier.

## **14. VARIATIONS AND CLAIMS**

### **14.1 Right to Vary**

The Purchaser may instruct Variations.

### **14.2 Valuation of Variations**

Variations shall be valued as follows:

- (a) at a lump sum price agreed between the Parties, or
- (b) where appropriate, at rates in the Contract, or
- (c) in the absence of appropriate rates, the rates in the Contract shall be used as the basis for valuation, or failing which
- (d) at appropriate new rates as may be agreed or which the Purchaser considers appropriate.

### 14.3 Early Warning

A Party shall notify the other as soon as he is aware of any circumstance which may delay or disrupt the Delivery of the Goods, or which may give rise to a claim for additional payment. The Supplier shall take all reasonable steps to minimize these effects.

The Supplier shall notify the Purchaser in writing of any event, circumstance or factor which may adversely affect the Delivery of the Goods or the progress thereof, delay the execution of the Contract or increase the Purchase Price ("notified event"). Such notice shall be given as soon as possible, but in any event within but not more than 7 days after the event, circumstance or factor in question was known or should reasonably have been known to the Supplier. In such notice the Supplier shall provide:

- (a) detailed particulars of the notified event and the potential adverse effects; and
- (b) proposals for the steps to be taken by the Supplier to mitigate the potential adverse effects and meet the Date(s) for Delivery.

The Purchaser may also require the Supplier to submit a proposal under Sub-Clause 14.5 [*Variation and Claims Procedure*] in respect of any notified event.

A notification in terms of this Sub-Clause 14.3 [*Early Warning*] shall not constitute a notification of a claim for extension of time or additional cost pursuant to Sub-Clause 9.3 [*Extension of Time for Delivery*] or Sub-Clause 14.5 [*Variation and Claim Procedure*], or otherwise under the Contract.

In the event of the Supplier making a claim for an extension of time or additional cost under Sub-Clause 9.3 and/or 14.5 the event relied upon, where the Supplier has failed to give an early warning notice which an experienced Supplier could and should have given, shall be assessed as if the Supplier had complied with the 7-day notice period referred to above.

### 14.4 Right to Claim

If the Supplier incurs cost as a result of any of the Purchaser's Liabilities prior to acceptance by the Purchaser, the Supplier shall not be entitled to the amount of such cost. If as a result of any of the Purchaser's Liabilities after acceptance by the Purchaser it is necessary to change the Goods, this shall be dealt with as a Variation.

### 14.5 Variation and Claim Procedure

The Supplier shall submit to the Purchaser an itemized make-up of the value of Variations and claims within 28 days of the instruction or of the event giving rise to the claim. The Purchaser shall check and if possible agree the value. In the absence of agreement, the Purchaser shall determine the value.

## 15. PURCHASE PRICE AND PAYMENT

### 15.1 Valuation of the Goods

The Goods Delivered to the site and accepted by the Purchaser in terms of the Contract shall be valued as provided for in the Form of Offer.

### 15.2 Purchase Price

In case of variable pricing (or rates),

- (a) All price adjustment communication must be submitted four (4) weeks prior to the effective date,
- (b) The Supplier must clearly articulate the movement in price in-line with the contractual escalation formula depicting all cost drivers and provide all supporting documentation to verify the application of the price adjustment for the product and/or transport,
- (c) Only once accepted by Rand Water in writing will the new rates requested by the Supplier be effected by both parties,
- (d) The effective date must be the start of the calendar month,
- (e) No rates adjustment will be effected retrospectively.

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

**15.3 Monthly Statements**

The Supplier shall be entitled to be paid at monthly intervals the value of the Goods Delivered to the Site and accepted by the Purchaser which amount shall be subject to any additions or deductions which may be due in terms of the Contract.

**15.4 Payments**

Within 30 days from date of monthly statement, date of the aforesaid monthly statement should reflect the last day of the month wherein the goods / services being invoiced were rendered, the Purchaser shall pay to the Supplier the amount shown in the Supplier's statement less any amount for which the Purchaser has specified its reasons for disagreement and less Retention which is the amount stated in the Particular Conditions. The Purchaser shall not be bound by any sum previously considered by him to be due to the Supplier.

If the Purchaser disagrees with any part of the Supplier's payment request, the Purchaser shall specify its reasons for disagreement prior to making payment.

**15.5 Currency**

Payment shall be in the currency stated in the Suppliers Form of Offer.

**15.6 Set Off**

Without derogating from the Purchaser's right at law for the collecting of outstanding debts, any monies which may become due and payable to the Supplier in accordance with the provisions of the Contract will be set off by the Purchaser, against the Purchaser's liability to the Supplier.

**15.7 Waiver of Lien**

The Supplier hereby waives and abandons its lien or any other right of retention which the Supplier now has or may have in future in respect of the repair and maintenance and/or additional work and shall under no circumstances be entitled to withhold delivery of same to the Purchaser.

**16. TAXES, DUTIES AND PERMITS**

**16.1 Value Added Tax**

The Purchase Price shall include all Value Added Tax applicable to the Goods and such Value Added Tax shall be shown as a separate component in the Form of Offer.

**16.2 Customs and Excise Duties**

The Supplier shall be responsible for the payment to the relevant authorities of any and all customs and excise duties, levies and other costs incurred by the Supplier in respect of the importation of Goods into the Republic of South Africa and such amounts shall, if reimbursable to the Supplier by the Purchaser, be shown separately in the Contract.

**16.3 Responsibility for Taxes**

The Purchaser will not be responsible for any income tax or other taxes levied on the Supplier and/or the Supplier's employees, representatives or Sub-contractors in respect of the Supplier's obligations under the Contract.

**16.4 Permits and Licenses**

The Supplier shall obtain from the relevant authorities and administer all permits and licenses which are necessary to enable the Supplier to fulfil its obligations in terms of the Contract. Import permits obtained by the Supplier in terms of the foregoing shall be in the joint names of the Supplier and the Purchaser. Copies thereof shall be supplied to the Purchaser's Representative.

**16.5 Custom Tariff Numbers**

Additional costs occurred by the Supplier as a result of the importation of goods under a Customs Tariff Number, other than that on which the Purchase Price is based, shall be for the account of the Supplier.

---

**17. DEFAULT**

**17.1 Default by the Supplier**

If the Supplier abandons the Contract, refuses or fails to comply with a valid instruction of the Purchaser or fails to proceed expeditiously and without delay or is, despite a written complaint, in breach of the Contract the Purchaser may give notice to the Supplier referring to this Sub-Clause stating the default.

If the Supplier has not taken all practicable steps to remedy the default within 14 days after the Supplier's receipt of the Purchaser's notice, the Purchaser may by a second notice given within a further 21 days, terminate the Contract.

**17.2 Default by the Purchaser**

If the Purchaser fails to pay in accordance with the Contract, or is, despite a written complaint in material breach of the Contract the Supplier may give notice to the Purchaser referring to this Sub-Clause and stating the default. If the default is not remedied within 14 days after the Purchaser's receipt of this notice the Supplier may suspend the Delivery of the Goods or part thereof.

If the default is not remedied within 30 days after the Purchaser's receipt of the Supplier's notice, the Supplier may by a second notice given within a further 30 days terminate the Contract.

**17.3 Insolvency**

If a Party is declared insolvent under any applicable law, the other Party may by notice terminate the Contract immediately.

**17.4 Payment after Termination**

After termination, the Supplier shall be entitled to payment of the unpaid balance of the value of the Goods Delivered to the Site and accepted by the Purchaser, adjusted by the following;

- (a) any sum to which the Supplier is entitled under Sub-Clause 14.4 [*Right to Claim*],
- (b) any sum to which the Purchaser is entitled,
- (c) if the Purchaser has terminated under Sub-Clause 17.1 [*Default by the Supplier*] or 17.3 [*Insolvency*], the Purchaser shall be entitled to a sum equivalent to 20% of the value of Goods still to be delivered at the date of termination,
- (d) if the Supplier has terminated under Sub-Clause 17.2 [*Default by the Purchaser*] or 17.3 [*Insolvency*], the Supplier shall be entitled to the Cost of its suspension together with a sum equivalent to 10% of the value of Goods still to be Delivered at the date of termination,

The net balance due shall be paid or repaid within 28 days of the notice of termination.

**18. CANCELLATION BY PURCHASER**

**18.1 Purchaser's Rights**

The Purchaser retains the right to cancel the contract or separate or individual portions thereof by giving 7 days' notice to the Supplier for reasons not determinable at the Commencement Date which the Purchaser considers to be in its own interests. In such case the Purchaser will pay to the Supplier compensation for all expenditure and liabilities legitimately incurred by the Supplier for the Delivery of the Goods as determined by the Purchaser's Representative and the Supplier shall not be entitled to any further payment in the event of cancellation under this Sub-Clause.

**19. FORCE MAJEURE**

**19.1 Force Majeure**

If a Party is or will be prevented from performing any of its obligations by Force Majeure the Party affected shall notify the other Party immediately. If necessary, the Supplier shall suspend the Delivery of the Goods.

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

If the event continues for a period of 84 days, either Party may then give notice of termination which shall take effect 28 days after the giving of the notice.

After termination the Supplier shall be entitled to payment of the unpaid balance of the value of the Goods Delivered to the Site and accepted by the Purchaser, adjusted by the following:

- (a) any sums to which the Supplier is entitled under Sub-Clause 14.4 [*Right to Claim*],
- (b) the Cost of its suspension,
- (c) any sums to which the Purchaser is entitled.

The net balance due shall be paid or repaid within 28 days of the notice of termination.

## 20. INSURANCE

The Purchaser shall handle insurance matters in accordance with the Employer's Insurance Manual (Schedule C1.2.3). Any insurance not covered by the Purchaser will be to the cost of the Supplier.

## 21. RESOLUTION OF DISPUTES

### 21.1 Adjudication

If a dispute (of any kind whatsoever) arises between the Parties in connection with, or arising out of, the Contract or the execution of the Contract, including any dispute as to any certificate, determination, instruction, opinion or valuation of the Purchaser, either Party may, within 28 days after such dispute arising, refer the dispute to adjudication. The adjudicator shall be any person agreed by the Parties. In the event of disagreement and notwithstanding anything else provided in the Rules the adjudicator shall be appointed by the Chairman of the Association of Arbitrators of Southern Africa.

### 21.2 Notice of Dissatisfaction

If a Party is dissatisfied with the decision of the adjudicator or if no decision is given within the time set out in the Rules, either Party may give notice of dissatisfaction referring to this Sub-clause within 28 days of receipt of the decision or the expiry of the time for the decision. If no notice of dissatisfaction is given within the specified time, the decision shall be final and binding on the Parties who shall give effect to it without delay. Where a notice of dissatisfaction is given within the specified 28-day period the decision shall nevertheless remain binding unless and until the decision of the adjudicator is revised by an arbitrator.

### 21.3 Amicable Settlement

Where notice of dissatisfaction has been given under Sub-clause 21.2 [*Notice of Dissatisfaction*], both Parties shall attempt to settle the dispute amicably before the commencement of arbitration. However, unless both Parties agree otherwise, arbitration may be commenced on or after the twenty-eighth day after the day on which notice of dissatisfaction was given, even if no attempt at amicable settlement has been made.

### 21.4 Arbitration

Unless settled amicably, any dispute in respect of which the adjudicator's decision (if any) has not become final and binding shall be finally settled by arbitration. Unless otherwise agreed by both Parties:

- (a) the dispute shall be finally settled under the Rules for the Conduct of Arbitrations as published by the Association of Arbitrators (Southern Africa), current at the date on which the arbitration commences,
- (b) the dispute shall be settled by one arbitrator to be appointed by the Chairman of the Association of Arbitrators (Southern Africa),
- (c) the arbitration shall be held in Johannesburg, and
- (d) the arbitration shall be conducted in the language for communications defined in Sub-Clause 1.6 [*Communications*]

**THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS**

**C1.2.2. PARTICULAR CONDITIONS OF CONTRACT**

The General Conditions shall be amended by the Particular Conditions of Contract as detailed herein.

Amendments to General Conditions

**Particular Conditions**

Where reference is made in the General Conditions to these Particular Conditions the following Provisions shall apply:

CLAUSE	CLAUSE HEADING	CONDITION
1.1.14	<b>Latent Defects Liability Period</b>	Not Applicable
1.1.20 3.2	<b>Purchaser's Representative</b>	Aphilile Thuntulwane Rand Water 522 Impala Road Glenvista Tel:(011) 682 7010 E-Mail : athuntul@randwater.co.za
1.1.22 9.5	<b>Site Mode and Point of Delivery</b>	The location of the Site where Delivery of the Goods is to be effected is: -Refer to C4 Site Information
1.1.28	<b>Works</b>	The works to which or in which the Goods are to be incorporated is the supply and delivery of disinfection chemicals to rand water's various plants for a period of five (5) years
3.1	<b>Authorised Person</b>	The person authorised to act on the Purchaser's behalf shall be: Aphilile Thuntulwane Rand Water 522 Impala Road Glenvista Tel:(011) 682 7010 E-Mail: athuntul@randwater.co.za
9.2	<b>Programme (Not Applicable)</b>	The Programme for the Delivery of the Goods shall be submitted to the Purchaser's Representative within 14 days of the Commencement Date. The programme shall be in MS Projects format unless otherwise agreed with the Purchaser's Representative.

**THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS**

**APPENDIX**

**DECLARATION OF INSURANCE**

I hereby declare that the Insurances enumerated below have been effected in accordance with Conditions of Contract applicable to **Bid Number: RW10398090/22**

I further declare that all premiums in respect of the insurances are fully paid up to date and that the insurances shall not be amended and/or cancelled without the prior knowledge and consent of the Employer.

Cover Effected	Insurer and Policy Number	Expiry Date
a) Contractors Equipment		
b COIDA		
c) Motor Vehicle Liability		
d) Manufacturing/Fabrication Premises		
a) Professional Indemnity (Where Applicable)		

N.B.: This Declaration of insurance must be completed and signed by

- i) The Contractor and.
- ii) The Insurer or Insurance Broker appointed by the Contractor

and returned to the Employer together with a letter of good standing from the Workman's Compensation Commissioner in respect of Item b) above.

**SIGNED:**

- i) For and on behalf of the Contractor

.....

Official Capacity:.....

**SIGNED:**

- ii) For and on behalf of the Insurer / Broker (delete whichever is not applicable)

.....

Official Capacity:.....

## PART C2: PRICING DATA

### C2.1. PRICING ASSUMPTIONS

1. The Pricing Schedule (C2.2) shall be used to assist both parties in administering and agreeing any changes/variations of the bid price, which may arise during the course of the Contract.
2. The Contractor is deemed to have allowed opposite each item contained in these Pricing Schedule whatever costs and charges it may consider necessary for the carrying out, complying with and due observance of the provisions, conditions and requirements set out in the Contract.
3. No claim whatsoever will be entertained in respect of errors or omissions in pricing due to the brevity of a description of any item contained in these Pricing Schedule which items are fully described or can reasonably be inferred when read in conjunction with the relevant clauses provided for in the Conditions of Contract, Specifications, Drawings or other relevant documentation.
4. Any item left un-priced will be deemed to be provided for elsewhere and no claim for any extras arising out of the Contractor's omission to price any item will be entertained.
5. Product price is to be **adjusted annually based** on the applicable industry cost index as indicated by the Bidder in this tender
6. Transport price is to be **adjusted quarterly** based on Table L-1 of the SEIFSA index.
7. The base figure for all rate adjustments shall be the tendered rate.
8. Payment will be made 30 (thirty) days from date of the statement. The supplier will be granted a three-day turnaround time to resolve any queries regarding the processing of payment.

**THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS**

**C2.2. PRICING SCHEDULE – DISINFECTION CHEMICALS**

The Bidder is required to submit printed format and signed version of the completed pricing schedule

**NOTE:**

- This schedule must be completed in full and signed.
- An explanation of the pricing formula influencing variable prices must be provided in this schedule.
- Bidders must provide product and transport rates as per the line items in the pricing table below. The **\*\*total rate (incl VAT)** will be used for evaluation and adjudication of the tender.
- Product price is to be adjusted **annually** based on the applicable industry cost index as prescribed in this tender.
- Transport charged is to be adjusted **quarterly** based on Table L-1 of the SEIFSA index.
- The base figure for all rate adjustments shall be that for the month of the awarding of contract.

PRICE, R/ TON (EXCLUDING VAT)				
Region	Product	Transport	Other	Total Price
Zuikerbosch, Vereeniging, Leeuwkuil, Rietspruit, Sebokeng, and Vaal Marina <b>(Chlorine)</b>				
Zwartkopjes, Palmiet, Eikenhof And Mapleton <b>(chlorine)</b>				
Zuikerbosch, Vereeniging and Vaaloewer <b>(70kg chlorine)</b>				
Sasolburg and Daleside <b>(sodium hypochlorite)</b>				
Trichardt, Wildebeesfontein, Hartebeeshoek and Cullinan <b>(sodium hypochlorite)</b>				
<b>TOTAL PRICE</b>				
PRICE, R/ TON (INCLUDING VAT)				
Region	Product	Transport	Other	Total Price
Zuikerbosch, Vereeniging, Leeuwkuil, Rietspruit, Sebokeng, and Vaal Marina <b>(Chlorine)</b>				
Zwartkopjes, Palmiet, Eikenhof And Mapleton <b>(chlorine)</b>				
Zuikerbosch, Vereeniging and Vaaloewer <b>(70kg chlorine)</b>				
Sasolburg and Daleside <b>(sodium hypochlorite)</b>				
Trichardt, Wildebeesfontein, Hartebeeshoek and Cullinan <b>(sodium hypochlorite)</b>				
<b>**TOTAL PRICE</b>				

**\*\* Total Price in R/ton is the sum of all plants and disinfection chemicals under the region column. The Total Price, R/ton including Vat should be transferred to Schedule C1.1 – Form of Offer and Acceptance**

Name of Bidder: \_\_\_\_\_

Signed by or on \_\_\_\_\_ Official  
 behalf of Bidder: \_\_\_\_\_ Capacity: \_\_\_\_\_

Date: \_\_\_\_\_



**THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS**

**C2.3. COST ANALYSIS SCHEDULE**

**NOTE** - This schedule must be completed in full.

Please provide a breakdown of price quoted as follows:

<b>COST ELEMENTS - SODIUM HYPOCHLORITE</b>	<b>PERCENTAGE CONTRIBUTION</b>
<b>1. Import Exposure</b>	
Exchange Currency (e.g. US \$, Euro, etc.)	
% Exposure	%
<b>2. CPI Exposure</b>	%
<b>3. PPI Exposure</b>	%
<b>4. Labour Exposure</b>	%
<b>5. Electricity Exposure</b>	%
<b>6. Transport Exposure</b>	%
<b>7. Other Exposure</b>	%
<b>Balance Check</b>	<b>100%</b>

Name of Bidder: \_\_\_\_\_

Signed by or on \_\_\_\_\_ Official  
 behalf of Bidder: \_\_\_\_\_ Capacity: \_\_\_\_\_

Date: \_\_\_\_\_

---

**PART C3A: SCOPE OF WORK - CHLORINE**

**C3.1. DATES FOR DELIVERY AND COMPLETION**

1. It is estimated that the Contract will be placed on or before 01 February 2023 and access to undertake work will only become available after the completion of Site Induction.
2. The Bidder shall state the proposed start date to commence supply and delivery under this contract \_\_\_\_\_.
3. The Bidder shall simultaneously fill in the period required before supply can resume in days or weeks from the date of acceptance of the offer by the Employer \_\_\_\_\_.
4. The Bidder must refer to Clause C3.2: Scope of Work below regarding detailed scope of the contract (including drawings, where applicable) provided with this bid document.

Name of Bidder:

Signed by or on \_\_\_\_\_ Official

behalf of Bidder: \_\_\_\_\_ Capacity: \_\_\_\_\_

Date: \_\_\_\_\_

**C3.2A. SCOPE OF WORK - CHLORINE**

**3.2.1 Scope of Contract**

1. The contract is for the supply and delivery of chlorine to Rand Water's, Vereeniging and Zuikerbosch Water Treatment Plants, Zwartkopjes, Eikenhof, Palmiet and Mapleton Booster Pumping Stations, Vaaloewer and Vaal Marina Water Treatment Works, Sebokeng, Rietspruit and Leeuwkuil Waste Water Treatment Works for a period of five (5) years.
2. The quantity of chlorine to be used will depend upon the quality and quantity of water to be treated. The estimated quantities, in tons, required each year for the duration of the contract at each of the Sites are as follows:

Plant	Year 1	Year 2	Year 3	Year 4	Year 5
	Estimated quantities, tons				
<b>Zuikerbosch</b>	4 788	5 267	5 794	6 373	7 010
<b>Vereeniging</b>	1 436	1 579	1 737	1 911	2 102
<b>Zwartkopjes</b>	390	429	472	519	571
<b>Eikenhof</b>	709	780	858	944	1 038
<b>Palmiet</b>	867	954	1 049	1 154	1 270
<b>Mapleton</b>	453	499	549	604	664
<b>Rietspruit</b>	33	36	40	44	48
<b>Sebokeng</b>	111	122	134	148	163
<b>Leeuwkuil</b>	45	50	54	60	66
<b>Vaaloewer</b>	2,00	2,20	2,42	2,66	2,93
<b>Vaal Marina</b>	2,50	2,75	3,03	3,33	3,66
<b>Total</b>	<b>8 837</b>	<b>9 721</b>	<b>10 693</b>	<b>11 762</b>	<b>12 938</b>

3. Rand Water does not bind itself to accept any specific quantity of chlorine during the duration of the contract. Bidders should note that the stipulated quantities are provided as an estimate and/or as an indication of the probable quantity which may be required by Rand Water.

Rand Water has been appointed by Department of Water and Sanitation (DWS) as an implementing agent at Emfuleni Local Municipality (ELM) for provision of water services for a limited period. This appointment can be revoked by DWS at the discretion of DWS. The plants under ELM are Sebokeng Waste Water Treatment Works, Vaaloewer and Vaal Marina Water Treatment Works.

Rand Water reserves the right not to procure chlorine to the ELM plants when DWS exercises their discretion to terminate the appointment of Rand Water as an implementing agent or should there be no budgetary provision available.

4. Rand Water shall therefore not be held to the estimated quantity and the estimated contract value thereof.
5. Nothing in the document and the Agreement shall be interpreted as acceptance by Rand Water of any specific quantity and/or acceptance of the liability in respect of the quantity or of the contract value and bidders agrees that any such quantities are only given as an estimates and therefore neither party shall therefore be bound to any such quantity or to the estimation.
6. To ensure security of supply of this critical commodity, the contract for disinfection products may be split between different manufacturing plants. No Supplier shall have sole supply to any of Rand Water's plants, but for operational reasons Rand Water may allocate the supply to specific plants and specific supplier/s

### 3.2.2 Location of Treatment Plants

1. Vereeniging Water Treatment Plant is situated about 3 km from the centre of Vereeniging on the Vereeniging-Vanderbijlpark road (Barrage road).
2. Zuikerbosch Water Treatment Plant is situated approximately 18 km from the centre of Vereeniging in Three Rivers East, on the Vischgat Road.
3. Zwartkopjes Booster Pumping Station is situated approximately 20km to the South of Johannesburg.
4. Eikenhof Booster Pumping Station is situated on the Johannesburg-Wakerville and Vereeniging Road R82, approximately 1km north of the intersection of Alberton-Eikenhof road (R556).
5. Palmiet Booster Pumping Station is situated on the farm Palmietfontein approximately 1km East of the intersection of the Zwartkopjes and Overburry roads.
6. Mapleton Booster Pumping Station is situated approximately 2km South of the Mapleton Railway station and East of the Alberton-Heidelberg road, approximately 18km South East of Alberton.
7. Rietspruit Waste Water Treatment Works is situated at R 42- Remainder of Portion 70 of the Farm Rietspruit 583 IQ Vanderbijlpark.
8. Sebokeng Waste Water Treatment Works is situated at Portion 67 of Portion 10 of the farm Rietspruit 535 IQ Gauteng.
9. Leeuwkuil Waste Water Treatment Works is situated at the corner of Boy Louw and Lager Streets, Leeuwkuil Farm 596 IQ Vereeniging.
10. Vaaloewer Water Treatment Works is situated at Hadeda street, Vaaloewer.
11. Vaal Marina Water Treatment Works is situated at Guppy Road Vaal Marina Midvaal.

### 3.2.3 Delivery

1. The Supplier will be notified of the quantity of chlorine to be delivered. The Supplier shall undertake to dispatch and deliver this quantity as required. Delivery will be taken to Rand Water's storage facilities stipulated in Clause 3.2.2 above
2. The Bidder shall state in the Delivery Schedule the quantities of chlorine that can be delivered to the Rand Water plants within **2 (two) days** of the receipt of an order. The successful Supplier must understand that Rand Water is entitled to order on an "as and when required basis", during the contract period.
3. A Purchase Order number will be generated by Rand Water at the start of the contract to facilitate orders. The contact person for any queries concerning the order procedure is the Contract Manager.
4. The chlorine cylinders and/or drums shall be delivered by road transport and offloaded by the Supplier into Rand Water's bulk storage facilities. Deliveries shall be made in compliance with the Rand Water's safe working procedure. The Supplier must familiarize themselves with Rand Water safe working procedures and storage facilities to ensure that chlorine can be off loaded satisfactorily.
5. Payment will be made for the quantity of chlorine cylinders/drums delivered (**See Mass Delivered; Clause 3.2.7**).
6. Chlorine deliveries can take place from Mondays to Fridays of each week, during daily normal working hours (**Monday to Thursday 7h00-14h00 and Friday 07h00-12h00**).

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

7. The delivery notes (in duplicate) stating the quantity, concentration, batch numbers, date of dispatch, cylinder/ drum numbers and vessel weight, shall be handed to Rand Water's Storekeeper or other authorised official of Rand Water on delivery. The delivery note must also indicate
  - (a) The Site for delivery e.g. Rand Water Vereeniging Plant 1 or Rand Water Zuikerbosch Water Plant station 4.
  - (b) The Contract number and the order number together with Rand Water's reference and item code number are stated on all documentation.
  - (c) The consignment/ batch numbers.
8. No delivery shall be made without Rand Water personnel being present on Site.
9. A COA (Certificate of Analysis) must accompany each batch delivered. This COA is for operational purposes and must at minimum contain the determinants as specified in clause 3.2.5 below. If more than one batch (with different batch numbers) is delivered at a time, then a COA must be supplied for each batch number. The COA and delivery documentation must refer to the batch number of the product delivered.
10. To ensure traceability between the COA, the delivery note, weighbridge ticket (if applicable) and the invoice, the supplier must ensure that the batch number is used as the tracking number to link all delivery documents including the invoice. The supplier must ensure that the tracking number (batch number) used is correct.
11. The Supplier shall keep his transport on defined roads and shall be liable to Rand Water for any damage caused by his vehicles to Rand Water's installations.

#### 3.2.4 Description, Characteristics and Quality of Chlorine

1. The chlorine to be supplied under this contract shall be a greenish yellow liquefied gas free from visible impurities with chemical and physical properties as indicated.
  - (a) An analysis of any foreign substances present in the liquid chlorine should be tabled in Schedule T2.2.18A.
  - (b) Non-volatile substances which may cause operational difficulties shall be absent to enable Rand Water to draw chlorine in liquid phase for external evaporation.
2. The Bidder shall complete the Product Guarantee in Schedule T2.2.18A providing a guarantee of the chemical analysis of chlorine offered. The maximum and minimum variations in the chemical and physical analyses of the product shall be stated where applicable.
3. The Bidder shall certify that:
  - (a) Chlorine offered complies with the requirements of the SANS 50937:2007 Standard - "Chemicals used for treatment of water intended for human consumption – Chlorine" and any subsequent revisions thereof.
  - (b) If required, Rand Water may set more stringent standards and test accordingly.
4. The Bidder shall list any other parameters by which the quality of chlorine can be measured together with maximum and minimum variations that may be expected in the product offered.
5. The chlorine supplied shall not contain any constituent that may have a detrimental effect on the potable water production in Rand Water's treatment systems, deleterious effects on water quality or be objectionable or harmful to human beings or animals in any way if used for the intended purpose in the prescribed way.
6. The Supplier shall be responsible and liable for any damages to the plant and equipment due to poor product quality or any consequential damage as a direct result of the product and/or supply thereof.

**THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS**

7. The Manufacturer shall give details of the raw material used for the manufacturing of chlorine or in terms of origin of the raw material and chemical composition. Specific attention must be given to any constituent that may be of a health concern in potable water such as heavy metals.
8. The Supplier shall at all times adhere to the quality standards as completed in response to the tender in Schedule T2.2.18A (Product Guarantee) and Schedule T2.2.19 (Supplier and manufacturing Details) regarding the manufacture, the production process, raw material, storage capacities and facilities and the quality control systems in place and such other quality standards imposed by Rand Water in its reasonable discretion. The guarantee as stated in the Product Guarantee Schedule shall apply to the chlorine delivered.
9. ANY intention to deviate from the specified above (including change of manufacturer and transporter) is construed as a breach of the contract.
10. Under force majeure circumstances, the Supplier is required to immediately inform Rand Water in writing should there be ANY intention to deviate from point 8 above.
11. The above notices shall include details of the intended deviation. Failure to notify Rand Water of such intention shall be construed as a material breach of the contract. Only if there is written agreement from Rand Water may the deviation be implemented. Rand Water undertakes not to withhold consent unreasonably but retains the right to refuse the deviation. Failure to comply with this clause in its entirety shall constitute a material breach of the contract and render same prone to cancellation at the instance of Rand Water. In addition, or in the alternate, Rand Water reserves its rights to invoke any and all remedies available at law.
12. A material safety data sheet (MSDS) and certificate of analysis shall accompany the bid document.

**3.2.5 Sampling and Analysis of Delivered Chlorine**

1. The Supplier will be responsible for sampling and analysing the product on a quarterly basis (that is four times per year). The results of the analysis are to be forwarded to the contract management department and relevant managers at each site.
2. The following details of the chemical shall be stipulated and submitted with each COA for every load delivered:
  - The batch number of product analysed.
  - The chlorine strength or concentration, which shall not be less than 99.5% (v/v) as Cl<sub>2</sub>
  - COA requirements stipulated in clause 3.2.3 – subclause 9 must be complied with at all times.
3. If the results of the analysis performed on the sample on behalf of Rand Water, show that the chlorine does not conform to the guaranteed quality, Rand Water representatives need to be informed immediately on the results and steps taken to rectify the situation.
4. Rand Water may at any time during this agreement request for a sample to be submitted to an independent laboratory for analyses against the product delivered. Should the delivered product be found to be of lower quality than the product guarantee at the time of tendering this would be considered “inadequate performance” by the supplier and will be dealt with under Penalty Clause.
5. The result of the independent laboratory shall be final and binding on both the Supplier and Rand Water. If the independent laboratory’s results show that the consignment meets Rand Water’s specifications. The cost of the analysis shall be borne by Rand Water, if the results show the consignment fails to meet the specification the cost will be borne by the Supplier.
6. Rand Water will not conduct laboratory evaluations for chlorine gas. The supplier’s/ manufacturer’s COA will be used to assess the product compliance to SANS and Rand Water’s requirements.

---

### 3.2.6 Supplier's and Manufacture Details / Quality Assurance Systems

The Tenderer shall complete the supplier's details as set out in Schedule T2.2.19. regarding information about manufacture, the production process, and storage capacity, present list of clients using their product(s) and the recommended storage facilities at Rand Water.

All information rendered in terms of 3.2.6 above shall specifically include detailing the manufacturing process as well as listing all substances used in such process. Further, the Tenderer shall be required to immediately inform Rand Water in writing should there be ANY intention to deviate from the specified process and/or substances used.

### 3.2.7 Determination of Mass Delivered

All delivery trucks are to be inspected and cylinders/ drums counted to obtain a total count. This count is representative of the order received.

### 3.2.8 Container/Equipment Issues

1. Any receptacles and/ or vessels for containing chemicals supplied such as tankers:
  - 1.1. Must be leak proof and or undamaged.
  - 1.2. Any leaking and or damaged cylinders or drums will be returned to the Supplier
  - 1.3. All costs incurred resulting from leaking cylinders, drums or containers and spillages caused by the Supplier will be for the successful Supplier's account.
  - 1.4. It remains the Supplier's responsibility to ensure that their drums are compatible with Rand Water's installations.
2. Containers, cylinders or drums in which chlorine is supplied shall be in good condition, the Supplier shall undertake full responsibility to repair or replace defective containers and/ or their fittings.
3. Should a leaking/ damaged container, cylinder or drum arrive at Rand Water's sites, it will not be allowed to offload.
4. The tenderer shall ensure that the container, cylinder or drum holding the chlorine complies with applicable standards and shall guarantee that the container has been subjected to the tests and retests specified by the relevant standard.
5. The containers, cylinders or drums in which the chlorine is supplied will be loaded free of charge onto trucks for transport by road.

### 3.2.9 Transportation of Bulk Chemicals

1. The vehicle driver must be a Certified Hazchem Driver and must have a current Professional Drivers Permit.
2. The vehicle used for delivery of chemicals must be adequately equipped to off-load chemicals at the delivery point.
3. The vehicle must also be in sound operational condition to ensure no leakage of chemical, oils and other undesirable substances when delivering or transporting chemicals to site.
4. The supplier shall keep his transport on defined roads and shall be liable, to Rand Water for any damage caused by his vehicles to Rand Water's installations.

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

5. The vehicle is to be clearly marked and carry all necessary safety equipment as per SANS 10232 Part 1 to 3, to ensure that off-loading can be conducted in a manner that will not endanger the environment or personnel.
6. The Successful Supplier must provide emergency contact details of a responsible person who can deal with any situation arising from a delivery or any other problem directly linked to the use of the chemical supplied.
7. Non-compliance with clause 13.3.1c (General Conditions of Contract) shall render the vehicle unfit to enter the premises. The Successful Supplier however will still be responsible to ensure that the product is delivered.
8. The road vehicles and equipment used for delivering chlorine should satisfy the requirements of Chapter VIII of National Road Traffic Regulation 2000 as framed under the National Road Transportation Act & Regulation 93/1996 also the incorporated standard and code of practices (SANS 10232 Part 1 to 3) at any time up to and including the date of completion of the contract.
9. Written agreements amongst the Supplier, Transporter and Rand Water shall be in place as per National Road Traffic Regulation 2000 as Transportation of Dangerous Goods SANS 10232 Part 1 to 3.
10. Non-compliance with the above will render the supplier in breach of contract and any remedial work arising from such a situation will be for the supplier's account.

### 3.2.10 Strategic Stockholding Requirements

The Successful Supplier is required to hold strategic stock equivalent to a month supply based on average usage of product at its premises and/ or the manufacturer's site, at no additional cost to Rand Water. Rand Water reserves the right to audit the stock holding at any time during the contractual period. Should this ever drop to a level below one month of stock, Rand Water is to be immediately notified.

### 3.2.11 Non-Exclusivity

This Agreement does not appoint the Supplier as either an exclusive Supplier or a preferred supplier and Rand Water's rights to obtain the product from any other supplier is expressly reserved.

### 3.2.12 Site Visit to Rand Water

1. The Successful Supplier must visit the relevant sites of Rand Water at least on a biannual basis.
2. Biannual liaison meetings (at minimum) are required to clarify contractual and operational issues.
3. The purpose of the site visits and liaison meetings is to inter alia, review the supplier's performance in terms of the contract, to evaluate product usage, review product and transport prices and discuss any challenges.

### 3.2.13 Inspection

Rand Water reserves the right to arrange for the inspection of the product and/or the manufacturer/supplier's premises at any stage before final acceptance of the tender or at any time during the contract period.

When an inspection at the supplier's offices or warehouse is requested, Rand Water's authorised representatives shall always have reasonable access to the premises of the Supplier during working hours.

### 3.2.14 Chemical Substance Training

The supplier is required to assist Rand Water with emergency preparedness training and have an Emergency response procedure in place in the case of spillage.

The supplier is required to assist Rand Water with technical training to ensure that plants are operated and maintained in a way that avoids accidents and emergencies at no additional cost to Rand Water.

### 3.2.15 Inadequate Performance

1. If Rand Water is of the opinion that the Supplier's service level and performance or quality of the product is unsatisfactory or inadequate and not to Rand Water's satisfaction the details will be reduced to writing clearly headed "Inadequate Performance" and sent to the Supplier. In the event that the Supplier is unable to remedy any complaints to Rand Water's satisfaction within seven (7) days of such notice of inadequate performance, Rand Water may, by written notice, immediately terminate this agreement.
2. In the event that the supplier repeats the inadequate performance, Rand Water may, by written notice, immediately terminate this agreement.
3. Should the supplier deliver a consignment of chemical that does not meet the performance level of the sample submitted with the tender documents, and then this will be considered as inadequate service and performance. Should the Supplier deliver more than one consignment of chemical that does not meet the performance level of the sample submitted with the tender documents, then Rand Water reserves the right to immediately terminate this agreement by written notice.
4. If either party to this contract is prevented from or delayed in performing any of its obligations under this contract, other than payment of money as contemplated, such party shall forthwith notify the other party in writing of the nature and expected duration of such circumstances. Should the explanation thus given be acceptable to the last mentioned party (whose acceptance shall not be unreasonably withheld), the party giving the notice shall be excused from performance or punctual performance, as the case may be, for a period not exceeding 3 months.

Should:

- (a) Any of the parties be excused from performance in accordance with the aforesaid clause for the same reason on more than 1(one) occasion within 1(one) month from each other, or
  - (b) A party be unable to perform for a period in excess of 3 (three) months,
  - (c) Then the other party shall be entitled, at its sole discretion, to summarily terminate this agreement by written notice to the other party. In such event, each party shall absorb its own cost and losses occasioned by such termination and neither party shall have the right to claim damages or any other amount from the other party.
5. Should the Supplier fail to meet the two (2) day lead time in excess of three (3) instances per year/plant, Rand Water may immediately terminate this agreement.

### 3.2.16 Termination of Contract

Upon the occurrence of any of the following events, Rand Water shall have the right to terminate this agreement forthwith by notice in writing to the Supplier without prejudice to any right Rand Water may have against the supplier for damages or otherwise, if:

1. The supplier effects or attempts to effect a compromise or composition with its creditors.
2. The supplier is provisionally or finally liquidated, is placed under curatorship, or is placed in judicial management, whether provisionally or final.

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

3. The supplier ceases or threatens to cease to carry on its normal line of business in the Republic of South Africa.
4. The supplier has caused or allowed any judgment to be entered against it which will materially impact on the Services and has failed within 14 (fourteen) days after such judgment coming to its knowledge to take steps to appeal against or apply for rescission of such judgment.
5. The supplier has passed a special resolution for its winding up or dissolution other than for bona fide restructuring.
6. The supplier defaults or threatens to default in the payment of its liabilities generally, or commit any act or omission, which would, in the case of an individual, be an act of insolvency in terms of the Insolvency Act, 1936 (as amended).
7. Any event that results in a change in control or staffing of the supplier that materially affects, or may materially affect, its ability to fulfil its obligations under this agreement and/ or provide the Services or the black economic empowerment status of the Supplier.
8. A Party, notwithstanding what is contained elsewhere in this agreement, gives 3 month's written notice to the other party of its intention to terminate this agreement at any time prior to the expiry of the 5-year period provided that, in the event of termination by notice in terms of this sub-clause neither party shall have any claim against the other party arising out of the termination of the agreement.
9. The 5-year term of the agreement expires.
10. Promptly following a failure by the Supplier to meet a service level or quality standard, which shall be deemed a material breach, Rand Water gives notice to the Supplier under clause 3.2.15, the supplier shall be deemed not to have cured that default if the Supplier fails to again meet that Critical Service Level during the remedy period provided for such first default under clause 3.2.15 plus 2 months thereafter.
11. The Supplier renders "Inadequate Performance" and fails to improve upon the performance as provided for in clause 3.2.15
12. Either party may terminate the agreement by reason of the material breach of the agreement by the other party. Such termination shall be without prejudice to any other claim that either party may have, whether under this agreement or in law, including any claim for damages.
13. For the purposes of this clause a breach shall be deemed to be material if:
  - (i) It goes to the root of the agreement, and the Party committing the breach fails to cure the breach within 14 days (or in the case of a payment obligation within 14 days) of receipt of written notice from the other Party calling on it to do so.
  - (ii) Such breach is one identified as such in terms of the delivery date, quality standards and or service levels and the Supplier fails to cure the breach as per clause 3.2.16 (i).
  - (iii) Or otherwise a reasonable number of non-material breaches that collectively constitute a material breach, as defined in and the Supplier fails to cure the breach as per 3.2.16 (i).
  - (iv) As provided in 3.2.16 (iii) above, if either Party commits any non-material breach of this agreement then the other Party may claim specific performance or damages or both, as the case may be, but shall have no right of termination.

### **3.2.17 Legislation or Health and Safety Aspects**

An applicable legal as well as health and safety aspect of chlorine is set out in General Conditions.

The supplier is required to provide safety boards and windsocks to Rand Water plants at no additional cost to Rand Water.

### **3.2.18 Rand Water's Right on Supply to Emfuleni Plants**

Rand Water reserves the right not to procure chlorine to the Emfuleni Plants when the Department of Water and Sanitation exercises its discretion to terminate the appointment of Rand Water as an implementing agent or should there be no budgetary provision available.

---

**PART C3B: SCOPE OF WORK- SODIUM HYPOCHLORITE**

**C3.1. DATES FOR DELIVERY AND COMPLETION**

1. It is estimated that the Contract will be placed on or before 01 February 2023 and access to undertake work will only become available after the completion of Site Induction.
2. The Bidder shall state the proposed start date to commence supply and delivery under this contract \_\_\_\_\_.
3. The Bidder shall simultaneously fill in the period required before supply can resume in days or weeks from the date of acceptance of the offer by the Employer \_\_\_\_\_.
4. The Bidder must refer to Clause C3.2: Scope of Work below regarding detailed scope of the contract (including drawings, where applicable) provided with this bid document.

Name of Bidder: \_\_\_\_\_

Signed by or on  
behalf of Bidder: \_\_\_\_\_

Official  
Capacity: \_\_\_\_\_

Date: \_\_\_\_\_

**THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS**

**C3.2B. SCOPE OF WORK – SODIUM HYPOCHLORITE**

**3.2.1 Scope of Contract**

1. The contract is for the supply and delivery of sodium hypochlorite to Rand Water's Sasolburg, Trichardt, Wildebeesfontein, Daleside, Hartebeeshoek and Cullinan Tertiary Pumping Stations.
2. The estimated quantities, in tons of sodium hypochlorite that contains at least 13 % mass/mass of free available chlorine, required each year for the duration of the contract at each of the pumping stations and reservoir sites are as follows:

<b>Plants</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>
Sasolburg	56	61	67	74	82
Trichardt	47	52	57	63	69
Wildebeesfontein	271	298	328	361	397
Daleside	509	560	616	677	745
Hartebeeshoek	950	1045	1149	1264	1391
Cullinan	Currently Off-Line				
<b>Total per Year</b>	<b>1833</b>	<b>2016</b>	<b>2218</b>	<b>2439</b>	<b>2683</b>

3. Rand Water does not bind itself to accept any specific quantity of sodium hypochlorite during the duration of the contract. Bidders should note that the stipulated quantities are provided as an estimate and/or as an indication of the probable quantity which may be required by Rand Water.
4. Rand Water shall therefore not be held to the estimated quantity and the estimated contract value thereof.
5. Nothing in the document and the Agreement shall be interpreted as acceptance by Rand Water of any specific quantity and/or acceptance of the liability in respect of the quantity or of the contract value and bidders agrees that any such quantities are only given as an estimates and therefore neither party shall therefore be bound to any such quantity or to the estimation.

**3.2.2 Location of Treatment Plants**

1. Sasolburg Pumping Station is situated approximately 5 km to the east of Sasolburg opposite Natref (National Refineries).
2. Trichardt Pumping Station is situated approximately 5 km to the west of Trichardt town.
3. Wildebeesfontein Reservoir site is on the road to Trichardt on the Secunda intersection, approximately 10 km south of Trichardt town.
4. Daleside Pumping Station is situated approximately 10 km north of Meyerton on the R59 road towards Alberton about 2 km from Henley Drive off-ramp.
5. Hartebeeshoek Reservoir site is located approximately 15km from the Orchards off-ramp on the Mabopane highway towards Rosslyn at Pretoria North.
6. Cullinan site is located approximately 5km from Mamelodi.

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

**3.2.3 Delivery**

1. The Supplier will be notified of the quantity of the sodium hypochlorite to be delivered and will be required to dispatch and deliver this quantity as required. Delivery will be taken to Rand Water's storage facilities at Sasolburg, Trichardt, Wildebeesfontein, Daleside, Hartebeeshoek and Cullinan tertiary pumping stations.
2. The Bidder shall state in the Product Guarantee Schedule (T2.2.18B) the quantities of sodium hypochlorite that can be delivered to the plants within **3 (three) days** of the receipt of an order. The successful Supplier must understand that Rand Water is entitled to order on an "as and when required basis", during the contract period.
3. A Purchase Order number will be generated by Rand Water at the start of the contract to facilitate orders. The contact person for any queries concerning the order procedure is the Contract Manager.
4. The sodium hypochlorite is to be delivered in bulk as specified by Rand Water. The Suppliers must familiarize themselves with Rand Water's storage facilities and to ensure that the product can be offloaded safely.
5. Sodium hypochlorite shall be delivered by road tanker and the supplier shall transfer the product into Rand Water's bulk storage tanks using an electric pump. Pressurised unloading will not be permitted at any of the bulk storage sites.
6. Transfers by petrol pumps or diesel driven pumps may be required during power supply failures at all Sites.
7. Deliveries shall be made in compliance with the Rand Water's safe working procedure. Deliveries can take place from Mondays to Fridays of each week, during daily normal working hours (**Monday to Thursday 7h00-14h00 and Friday 07h00-12h00**). The Supplier must familiarise themselves with Rand Water safe working procedures.
8. All tankers shall be weighed and records to be kept. Payment will be made for the net mass of sodium hypochlorite delivered (**See Weighbridge Procedure, Clause 3.2.7**).
9. The delivery notes (in duplicate) stating the quantity delivered, batch numbers, date of dispatch, and the weighbridge mass, shall be handed to Rand Water's Storekeeper or other authorised official of Rand Water on delivery. The delivery note must also indicate:
  - a. The Site for delivery e.g. Rand Water's Sasolburg Tertiary Pumping Station
  - b. The contract number and the order number together with Rand Water's reference and item code number are stated on all documentation.
  - c. Weighbridge slips are to be attached to delivery notes received.
  - d. The consignment and/or batch numbers.
10. No delivery shall be made without Rand Water personnel being present on Site.
11. A COA (Certificate of Analysis) must accompany each batch delivered. This COA is for operational purposes and must at minimum contain the following details of the chemical as per **clause 3.2.5** below for every load delivered:
  - Determinants as specified in Clause 3.2.5
  - The batch number of the product analysed,
  - If more than one batch (with different batch numbers) is delivered at a time, then a COA must be supplied for each batch number.

**THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS**

- The COA and delivery documentation must refer to the batch number of the product delivered, and the COA requirements must be complied with at all times.
- 12. To ensure traceability between the COA, the delivery note, weighbridge ticket and the invoice, the supplier must ensure that the batch number is used as the tracking number to link all delivery documents including the invoice. The supplier must ensure that the tracking number (batch number) used is correct.
- 13. The Supplier will be responsible for taking samples of sodium hypochlorite when consignment is delivered on site.
- 14. The Supplier shall keep his transport on defined roads and shall be liable to Rand Water for any damage caused by his vehicles to Rand Water's installations.
- 15. Deliveries shall be made in compliance with the Rand Water's safe working procedure. The Supplier must make themselves familiar with Rand Water's safe working procedures.

**3.2.4 Description, Characteristics, and Quality of Sodium Hypochlorite**

1. The sodium hypochlorite to be supplied under this contract shall be a clear slightly yellowish liquid free from visible impurities with chemical and physical properties as indicated.
2. The bidders shall complete the Product Guarantee Schedule T2.2.18B giving a guarantee of the chemical analysis of the sodium hypochlorite offered. The maximum and minimum variations in the chemical and physical analyses of the product shall be stated where applicable
3. An analysis of any foreign substances present in the sodium hypochlorite should be tabled in Schedule T2.2.18B.
4. The bidder shall certify that
  - (a) The available chlorine is  $\leq 13\%$  m/m as free available chlorine,
  - (b) Sodium hypochlorite offered complies, at a minimum, with SANS 50901:2020 Standard "Chemicals used for treatment of water intended for human consumption – Sodium Hypochlorite" and any subsequent revisions thereof. If required, Rand Water may set more stringent standards and test accordingly.
5. The bidders are required to analyse the tendered product in line with all the determinands under the Product Guarantee Schedule (T2.2.18B). The results of the analysis performed on the tendered product shall be submitted on a COA and shall at a minimum contain the following:
  - Requirement of clause T1.2.10.1 (sub-clause 14),
  - The batch number of product analysed
  - The Bid Number RW10398090/22 and
  - The product name, i.e. Sodium Hypochlorite.
6. The Bidder shall list any other parameters by which the quality of sodium hypochlorite can be measured together with maximum and minimum variations that may be expected in the product offered.
7. The delivered sodium hypochlorite shall conform to the following maximum toxic substances:

Chemical Parameter	Specification (mg/kg)
Arsenic (As)	$\leq 1.0$
Cadmium (Cd)	$\leq 2.5$
Chromium (Cr)	$\leq 2.5$
Mercury (Hg)	$\leq 3.5$
Nickel (Ni)	$\leq 2.5$
Lead (Pb)	$\leq 15$

**THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS**

Antimony (Sb)	≤20
Selenium (Se)	≤20

Rand Water may conduct analyses on the above toxic substances at any time during the contract period. This will also apply if any changes in raw materials or alterations in the production process occur during the contract period.

8. The sodium hypochlorite supplied shall not contain any constituent that may have a detrimental effect on the potable water production in Rand Water's treatment systems, deleterious effects on water quality or be objectionable or harmful to human beings or animals in any way if used for the intended purpose in the prescribed way.
9. The maximum allowable dosage for use in the treatment of water for potable use shall be specified.
10. The Supplier shall be responsible and liable for any damages to the plant and equipment due to poor product quality or any consequential damage as a direct result of the product.
11. The manufacturer shall give details of the raw material used for the manufacturing of the sodium hypochlorite in terms of origin of the raw material and chemical composition. Specific attention must be given to any constituent that may be of health concern in potable water such as heavy metals.
12. The Supplier shall at all times adhere to the quality standards as completed in response to the tender in Schedule T2.2.18B (Product Guarantee Schedule) and T2.2.19 (Supplier and manufacturing Details) regarding the manufacture, the production process, raw material, storage capacities and facilities and the quality control systems in place and such other quality standards imposed by Rand Water in its reasonable discretion. The guarantee as stated in the Product Guarantee Schedule shall apply to the sodium hypochlorite delivered.
13. ANY intention to deviate from the specified requirements above (including change of manufacturer and transporter) without written consent from Rand Water is construed as a breach of the contract.
14. Under force majeure circumstances, the Supplier is required to immediately inform Rand Water in writing should there be ANY intention to deviate from subclause 12 and 13 above.
15. The above notices shall include details of the intended deviation. Failure to notify Rand Water of such intention shall be construed as a material breach of the contract. Only if there is written agreement from Rand Water may the deviation be implemented. Rand Water undertakes not to withhold consent unreasonably but retains the right to refuse the deviation. Failure to comply with this clause in its entirety shall constitute a material breach of the contract and render same prone to cancellation at the instance of Rand Water. In addition, or in the alternate, Rand Water reserves its rights to invoke any and all remedies available at law.
16. A material safety data sheet (MSDS) and certificate of analysis shall accompany the bid document and the sample for bid adjudication.

**3.2.5 Sampling and Analysis of Delivered Sodium Hypochlorite**

1. The Supplier will be responsible for taking the sample of sodium hypochlorite when consignment is delivered on site. The sample will be split as follows:
  - One sample returned to the supplier,
  - The second and third samples submitted to Rand Water personnel for laboratory analysis and reference during a quality dispute.
2. Rand Water may perform, amongst others the following determinations on the samples collected:
  - The available % chlorine % (m/m) as free available chlorine,

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

- 
- The specific gravity (density) of the sodium hypochlorite at 20°C
  - Toxic content
  - Any other determinants deemed necessary by Rand Water
3. If the results of the analysis performed on the sample by, or on behalf of Rand Water, show that sodium hypochlorite does not conform to the guaranteed quality, the supplier shall advise Rand Water of the results of the analysis carried out by it on the portion of the composite sample made available to them.
  4. If the results of the analysis differ from that obtained by Rand Water by more than 5% (five percent) then the third sample shall be submitted to an independent laboratory approved by both parties for analysis.
  5. The result of the independent laboratory shall be final and binding on both the Supplier and Rand Water. If the independent laboratory's results show that the consignment meets Rand Water's specifications. The cost of the analysis shall be borne by Rand Water, if the results show the consignment fails to meet the specification the cost will be borne by the Supplier.
  6. Rand Water may at any time during this Agreement arrange for a sample to be submitted to an independent laboratory for analyses against the product delivered. Should the delivered product be found to be of lower quality than the guarantee quality at the time of tendering this would be considered "Inadequate performance" by the supplier and dealt with under Clause 3.2.16 – Inadequate Performance

### 3.2.6 Supplier's and Manufacture Details / Quality Assurance Systems

The Tenderer shall complete the supplier's details as set out in Schedule T2.2.19 regarding information about manufacture, the production process, and storage capacity, present list of clients using their product(s) and the recommended storage facilities at Rand Water.

All information rendered in this clause above shall specifically include detailing the manufacturing process as well as listing all substances used in such process. Further, the Tenderer shall be required to immediately inform Rand Water in writing should there be ANY intention to deviate from the specified process and/or substances used.

### 3.2.7 Determination of Mass Delivered

1. The successful Supplier/s must use an assized Weighbridge to determine the mass of each delivery at the point of delivery or close to the point of delivery.
2. If no assized weighbridge is available at the point of delivery, the successful supplier/s and Rand Water must agree as to which weighbridge is to be used. A weighbridge at the point of supply is acceptable if it is assized and the method of weighing provided by the successful supplier satisfies Rand Water that the mass of the product delivered is accurate.
3. The Successful Supplier shall indicate the distance (in km) from the weighbridge to the delivery point and the method of weighing used to satisfy Rand Water that the mass of the product delivered is accurately determined.
4. Calibration of the weighbridge used must be certified and assized for any current year by the Government assizer and bear the Official Assize Stamp. The supplier is required to submit to Rand Water calibration certificates on a regular basis.
5. The weighbridge certificate of mass determination must be supplied within 24 hours of delivery.
6. The use of any weighbridge other than that identified above without prior notification of Rand Water would constitute a breach of contract. Such notification would require confirmation by the Successful

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

---

Supplier in writing. If the use of an alternative weighbridge is accepted by Rand Water the alternative must meet all the requirements as indicated in 1 to 5 above.

**3.2.8 Container/Equipment Issues**

1. Any receptacles and /or vessels for containing chemicals supplied such as tankers or flow bins;
  - 1.1 Must be leak proof and or undamaged.
  - 1.2 Leaking and or damaged tanker will be returned to the Supplier.
  - 1.3 All costs incurred resulting from leaking tankers/trucks or containers and spillages caused by the supplier will be for the successful Supplier's account.
2. Should a leaking / damage trucks or containers arrive at Rand Water's sites it will not be allowed to offload.

**3.2.9 Transportation of Bulk Chemicals**

1. The vehicle driver must be a Certified Hazchem Driver and must have a current Professional Drivers Permit.
2. The vehicle used for delivery of chemicals must be adequately equipped to off-load chemicals at the delivery point.
3. The vehicle must also be in sound operational condition to ensure no leakage of chemical, oils and other undesirable substances when delivering or transporting chemicals to site.
4. The supplier shall keep his transport on defined roads and shall be liable, to Rand Water for any damage caused by his vehicles to Rand Water's installations.
5. The vehicle is to be clearly marked and carry all necessary safety equipment as per SANS 10232 Part 1 to 3, to ensure that off-loading can be conducted in a manner that will not endanger the environment or personnel.
6. The Successful Supplier must provide emergency contact details of a responsible person who can deal with any situation arising from a delivery or any other problem directly linked to the use of the chemical supplied.
7. Non-compliance with clause 13.3.1c (General Conditions of Contract) shall render the vehicle unfit to enter the premises. The Successful Supplier however will still be responsible to ensure that the product is delivered.
8. The road vehicles and equipment used for delivering chemicals should satisfy the requirements of Chapter VIII of National Road Traffic Regulation 2000 as framed under the National Road Transportation Act & Regulation 93/1996 also the incorporated standard and code of practices (SANS 10232 Part 1 to 3) at any time up to and including the date of completion of the contract.
9. Written agreements amongst the Supplier, Transporter and Rand Water shall be in place as per National Road Traffic Regulation 2000 as Transportation of Dangerous Goods SANS 10232 Part 1 to 3.
10. Non-compliance with the above will render the supplier in breach of contract and any remedial work arising from such a situation will be for the supplier's account.

### **3.2.10 Legislation or Health and Safety Aspects**

An applicable legal as well as health and safety aspect of chlorine is set out in General Conditions. The supplier is required to provide safety boards to Rand Water plants at no additional cost to Rand Water.

### **3.2.11 Strategic Stockholding Requirements**

The Successful Supplier is required to hold strategic stock equivalent to a single month supply based on average usage of product by the sites at its premises and cost. Rand Water reserves the right to audit the stock holding at the Successful Supplier's premises, at any time during the contractual period. Should this ever drop to a level below one month of stock, Rand Water is to be immediately notified.

### **3.2.12 Non-Exclusivity**

This Agreement does not appoint the Supplier as either an exclusive Supplier or a preferred supplier and Rand Water's rights to obtain the product from any other supplier is expressly reserved.

### **3.2.13 Site Visit to Rand Water**

1. The Successful Supplier must visit the relevant sites of Rand Water at least on a biannual basis.
2. Biannual liaison meetings (at minimum) are required to clarify contractual and operational issues.
3. The purpose of the site visits and liaison meetings is to inter alia, review the supplier's performance in terms of the contract, to evaluate product usage, review product and transport prices and discuss any challenges.

### **3.2.14 Inspection**

Rand Water reserves the right to arrange for the inspection of the product and/or the manufacturer/supplier's premises at any stage before final acceptance of the tender or at any time during the contract period.

When an inspection at the supplier's offices or warehouse is requested, Rand Water's authorised representatives shall have reasonable access to the premises of the Supplier at all times during working hours.

### **3.2.15 Chemical Substance Training**

The supplier is required to assist Rand Water with emergency preparedness training and have an Emergency response procedure in place in the case of spillage. The supplier is required to assist Rand Water with technical training to ensure that plants are operated and maintained in a way that avoids accidents and emergencies at no additional cost to Rand Water.

### **3.2.16 Inadequate Performance**

1. If Rand Water is of the opinion that the Supplier's service level and performance or quality of the product is unsatisfactory or inadequate and not to Rand Water's satisfaction the details will be reduced to writing clearly headed "Inadequate Performance" and sent to the Supplier. In the event that the Supplier is unable to remedy any complaints to Rand Water's satisfaction within seven 7 days of such notice of inadequate performance, Rand Water may, by written notice, immediately terminate this agreement.
2. In the event that the supplier repeats the inadequate performance, Rand Water may, by written notice, immediately terminate this agreement.

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

3. Should the supplier deliver a consignment of chemical that does not meet the performance level of the sample submitted with the tender documents, and then this will be considered as inadequate service and performance. Should the Supplier deliver more than one consignment of chemical that does not meet the performance level of the sample submitted with the tender documents, then Rand Water reserves the right to immediately terminate this agreement by written notice.
4. If either party to this contract is prevented from or delayed in performing any of its obligations under this contract, other than payment of money as contemplated, such party shall forthwith notify the other party in writing of the nature and expected duration of such circumstances. Should the explanation thus given be acceptable to the last mentioned party (whose acceptance shall not be unreasonably withheld), the party giving the notice shall be excused from performance or punctual performance, as the case may be, for a period not exceeding 3 months.

Should:

- (a) Any of the parties be excused from performance in accordance with the aforesaid clause for the same reason on more than 1(one) occasion within 1 (one) month from each other, or
  - (b) A party be unable to perform for a period in excess of 3 (three) months,
  - (c) Then the other party shall be entitled, at its sole discretion, to summarily terminate this agreement by written notice to the other party. In such event, each party shall absorb its own cost and losses occasioned by such termination and neither party shall have the right to claim damages or any other amount from the other party.
5. Should the Supplier fail to meet the three (3) day lead time in excess of three (3) instances per year/plant, Rand Water may immediately terminate this agreement.

### 3.2.17 Termination of Contract

Upon the occurrence of any of the following events, Rand Water shall have the right to terminate this agreement forthwith by notice in writing to the Supplier without prejudice to any right Rand Water may have against the supplier for damages or otherwise, if:

1. The supplier effects or attempts to effect a compromise or composition with its creditors.
2. The supplier is provisionally or finally liquidated, is placed under curatorship, or is placed in judicial management, whether provisionally or final.
3. The supplier ceases or threatens to cease to carry on its normal line of business in the Republic of South Africa.
4. The supplier has caused or allowed any judgment to be entered against it which will materially impact on the Services and has failed within 14 (fourteen) days after such judgment coming to its knowledge to take steps to appeal against or apply for rescission of such judgment.
5. The supplier has passed a special resolution for its winding up or dissolution other than for bona fide restructuring.
6. The supplier defaults or threatens to default in the payment of its liabilities generally, or commit any act or omission, which would, in the case of an individual, be an act of insolvency in terms of the Insolvency Act, 1936 (as amended).
7. Any event that results in a change in control or staffing of the supplier that materially affects, or may materially affect, its ability to fulfil its obligations under this agreement and/ or provide the Services or the black economic empowerment status of the Supplier.

THE SUPPLY AND DELIVERY OF DISINFECTION CHEMICALS TO RAND WATER'S VARIOUS PLANTS FOR A PERIOD OF FIVE (5) YEARS

---

8. A Party, notwithstanding what is contained elsewhere in this agreement, gives 3 month's written notice to the other party of its intention to terminate this agreement at any time prior to the expiry of the 5-year period provided that, in the event of termination by notice in terms of this sub-clause neither party shall have any claim against the other party arising out of the termination of the agreement.
9. The 5-year term of the agreement expires.
10. Promptly following a failure by the Supplier to meet a service level or quality standard, which shall be deemed a material breach, Rand Water gives notice to the Supplier under clause 3.2.17, the supplier shall be deemed not to have cured that default if the Supplier fails to again meet that Critical Service Level during the remedy period provided for such first default under clause 3.2.17 plus 2 months thereafter.
11. The Supplier renders "Inadequate Performance" and fails to improve upon the performance as provided for in clause 3.2.16
12. Either party may terminate the agreement by reason of the material breach of the agreement by the other party. Such termination shall be without prejudice to any other claim that either party may have, whether under this agreement or in law, including any claim for damages.
13. For the purposes of this clause a breach shall be deemed to be material if:
  - (i) It goes to the root of the agreement, and the Party committing the breach fails to cure the breach within 14 days (or in the case of a payment obligation within 14 days) of receipt of written notice from the other Party calling on it to do so.
  - (ii) Such breach is one identified as such in terms of the delivery date, quality standards and or service levels and the Supplier fails to cure the breach as per clause 3.2.17 (i).
  - (iii) Or otherwise a reasonable number of non-material breaches that collectively constitute a material breach, as defined in and the Supplier fails to cure the breach as per 3.2.17 (i).
  - (iv) As provided in 3.2.17 (iii) above, if either Party commits any non-material breach of this agreement then the other Party may claim specific performance or damages or both, as the case may be, but shall have no right of termination.

---

## PART C4: SITE INFORMATION

### C4. SITE INFORMATION

1. Vereeniging Water Treatment Plant is situated about 3 km from the centre of Vereeniging on the Vereeniging-Vanderbijlpark road (Barrage road).
2. Zuikerbosch Water Treatment Plant is situated approximately 18 km from the centre of Vereeniging in Three Rivers East, on the Vischgat Road.
3. Zwartkopjes Booster Pumping Station is situated approximately 20km to the South of Johannesburg.
4. Eikenhof Booster Pumping Station is situated on the Johannesburg-Walkerville and Vereeniging Road R82, approximately 1km north of the intersection of Alberton-Eikenhof road (R556)
5. Palmiet Booster Pumping Station is situated on the farm Palmietfontein approximately 1km East of the intersection of the Zwartkopjes and Overburry roads.
6. Mapleton Booster Pumping Station is situation approximately 2km South of the Mapleton Railway station and East of the Alberton-Heidelberg road, approximately 18km South East of Alberton.
7. Sasolburg Pumping Station is situated approximately 5 km to the east of Sasolburg opposite Natref (National Refineries).
8. Trichardt Pumping Station is situated approximately 5 km to the west of Trichardt town.
9. Wildebeesfontein Reservoir site is on the road to Trichardt on the Secunda intersection, approximately 10 km south of Trichardt town.
10. Daleside Pumping Station is situated approximately 10 km north of Meyerton on the R59 road towards Alberton about 2 km from Henley Drive off-ramp.
11. Hartebeeshoek Reservoir site is located approximately 15km from the Orchards off-ramp on the Mabopane highway towards Rosslyn at Pretoria north.
12. Cullinan site is located approximately 5km from Mamelodi.
13. Rietspruit Waste Water Treatment Works is situated at R 42- Remainder of Portion 70 of the Farm Rietspruit 583 IQ Vanderbijlpark.
14. Sebokeng Waste Water Treatment Works is situated at Portion 67 of Portion 10 of the farm Rietspruit 535 IQ Gauteng.
15. Leeuwkuil Waste Water Treatment Works is situated at the corner of Boy Louw and Lager Streets, Leeuwkuil Farm 596 IQ Vereeniging
16. Vaaloewer Water Treatment Works is situated at Hadedda street, Vaaloewer
17. Vaal Marina Water Treatment Works is situated at Guppy Road Vaal Marina Midvaal

The Bidder must refer to **Annexure C4: Site Information** provided with this bid document.