RAND WATER	**REQUEST FOR QUOTATION** **CIDB**	Form No: RW SCM 00019 F Revision No: 08 Effective Date: 1 Aug 2026

BID NUMBER:	10418850	**CLOSING DATE:**	11 December 2026	**CLOSING TIME:**	16:00pm
DESCRIPTION:	**MAINTENANCE OF FIRE EMERGENCY SYSTEMS AT RAND WATER RIETVLEI AND SCIENTIFIC SERVICES FOR 12 MONTHS**				
NON-COMPULSORY **BRIEFING SESSION DATE AND TIME**	N/A	**BRIEFING SESSION VENUE**	N/A		
ISSUE DATE	25 November 2026				

BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:			
BUYER		**SOURCING MANAGER**	
CONTACT PERSON	Faith Segwe	**CONTACT PERSON**	Ntikane Radebe
TELEPHONE NUMBER	011 682 0470	**TELEPHONE NUMBER**	011 682 0208
E-MAIL ADDRESS	fsegwe@randwater.co.za	**E-MAIL ADDRESS**	nradebe@randwater.co.za

SUPPLIER INFORMATION				
SUPPLIER ENTITY NAME				
POSTAL ADDRESS				
STREET ADDRESS				
TELEPHONE NUMBER	**CODE**		**NUMBER**	
CELLPHONE NUMBER				
E-MAIL ADDRESS 1				
E-MAIL ADDRESS 2				
VAT REGISTRATION NUMBER		**CIDB GRADING**		
SUPPLIER COMPLIANCE STATUS	**TAX COMPLIANCE SYSTEM PIN:**	**CENTRAL SUPPLIER DATABASE No:**	MAAA_____	
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	[TICK APPLICABLE BOX] ☐Yes ☐No	**B-BBEE STATUS LEVEL SWORN AFFIDAVIT** (EMEs and QSEs)	[TICK APPLICABLE BOX] ☐Yes ☐No	

BID SUBMISSION:

a. Submissions must be made by the stipulated date and time to the Rand Water website Rand Water Online Bids Application or https://bids.randwater.co.za/. Late submissions will not be accepted for consideration.

b. **All submissions must be made on the official forms provided (not to be re-typed) or in the manner prescribed in the bid document.**

c. **Fully complete and sign Form of Offer**

d. No submissions will be considered from persons in the service of the state, companies with directors who are persons in the service of the state, or close corporations with members / persons in the service of the state.

*e. Rand Water will provide any clarifications / addenda / extension of closing date by no later than **three (3)** calendar days before*

the closing date.

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SECTION A: BID

PART T1: BIDDING PROCEDURES

T1.1. BID NOTICE AND INVITATION TO BID

Rand Water invites bids for the MAINTENANCE OF FIRE EMERGENCY SYSTEMS AT RAND WATER RIETVLEI AND SCIENTIFIC SERVICES FOR 12 MONTHS **The technical requirements for the equipment are fully stated in the bid documentation.**	
Minimum Contractor CIDB Grading Required	**It is estimated that tenderers must have a CIDB contractor grading designation of 3SF or higher**
Procurement Procedure	Rand Water uses a single volume approach.
Awarding Strategy	The maximum number of suppliers to be awarded this bid is 3SF.
Bid Submission	Bids must be submitted by the stipulated date and time on On-Line Bid Submission Systems. RFQ's submitted on e-mail will not be considered. Rand Water Online Bids Application or https://bids.randwater.co.za/
Bid Validity	Validity period of not more than **90 days** is required from closing date of this RFQ. Rand Water reserves the right to extend the validity period for a period reasonable for business requirements.

T1.2. BID DATA

The conditions of this bid are the Standard Conditions of Tender as contained in the document *CIDB Standard for Uniformity in Engineering and Construction Works Contracts (August 2019) Annexure C* and may be obtained from the CIDB.

The Standard Conditions of Tender for Procurement make several references to the Bid Data for details that apply specifically to this bid. The Bid Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the Standard Conditions of Tender.

Each item of data given below is cross-referenced to the Clause in the CIDB Standard Conditions of Tender to which it mainly applies.

CLAUSE NUMBER (CIDB)	BID DATA
C.1.1	The Employer is Rand Water.
C.1.2	The bid documents issued by the Employer are detailed on the contents page of this bid document.

C.1.4	The Employer's Representative/s is stated on the cover page of this bid document.
C1.6.3	The Employer shall evaluate this bid in accordance with the evaluation criteria stated in this bid.
C.2.1	*Only those Bidders who are registered with the CIDB, or are capable of being so prior to the evaluation of submissions, in a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations, for a **3SF or higher** class of construction work, are eligible to have their tenders evaluated.* *Joint ventures are eligible to submit bids provided that:* *1. every member of the joint venture is registered with the cidb;* *2. the lead partner has a contractor grading designation in the **3SF** class of construction work; or not lower than one level below the required grading designation in the class of works construction works under considerations and possess the required recognition status.* *the combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered for a or **3SF** class of construction work or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations*
C.2.7	The arrangement for a non-compulsory site meeting (where applicable) is as stated in the Notice and Invitation to Bid.
C.2.8	The due date for seeking clarification is as stated in the Bid Notice and Invitation to Bid.
C.2.12	In addition to the information appearing in C2.12 of the CIDB Standard Conditions of Tender, the following statements shall apply: • 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. • Calculations must be set out in a clear and logical sequence and must clearly reflect all design assumptions. • Pricing Data must reflect all assumptions in the development of the pricing proposal. • *The pricing of the alternative bid offer may not exceed the pricing of the main bid offer.* 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 Bidder to accept full responsibility and liability that the alternative bid offer complies in all respects with the Employer's standards and requirements.
C.2.13.5	Bidders must submit ***one (1)*** copy of the bid document and returnables.
C.2.13.9	Bid submission must only be submitted on **On-Line Bid Submission Systems.**
C.2.15	The closing time for submission of bid offers is as stated in the Bid Notice and Invitation to Bid.
C.2.16	The bid offer validity period is as stated in the Bid Notice and Invitation to Bid.

	No bid substitutions will be allowed after the closing date and time.
C.2.23	See 2.1 List of Returnable Documents for a comprehensive list of certificates and additional documents required for submission with this bid.
C.3.4	Rand Water will make available the names, prices and preference points for submissions to interested parties who make request for such information, at least one (1) week after the closing date. *(CIDB Best Practice Guideline #A3 Evaluation tenders offers, February 2008)*
C.3.11	*Rand Water's evaluation process comprises of the following steps. Specific criteria to be utilised for this bid are contained in T1.3 Evaluation Criteria* a) **Pre-qualification** *Refer to the criteria as stated in T1.3.1 of this bid document. All test for responsiveness must be met in order for the bid submission to be considered further.* ***b) Functionality evaluation*** *Refer to the criteria as stated in T1.3.2 of this bid document. A minimum score of 70 points must be obtained for the bid submission to be considered further.* ***c)*** **Price** **i. Price Analysis** 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. **ii. Specific goals** **WHERE PROCUREMENT VALUE IS R0 < R50 000 000 (INCL. VAT):** $$P_S = 80 * \left(1 - \frac{P_t - P_{\min}}{P_{\min}}\right)$$ The following table will be used to calculate the score out of 20 for BBBEE:

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

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_P = 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 (80/20 system)
1	20
2	18
3	14
4	12
5	8
6	6
7	4
8	2
Non-compliant contributor	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***

SUMMARY

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

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

$P_T = P_S + P_P$

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

C.3.17	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. PRE-QUALIFICATION

1. Letter of Good Standing from the Department of Labour or an Accredited Institution.

2. Only those tenderers who are registered with the cidb, or are capable of being so prior to the evaluation of submissions, in a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations, for a 3SF or higher.*. class of construction work, are eligible to have their tenders evaluated.

3. Fully complete and sign Form of offer and Acceptance.

4. Proof of Company Certification of Registration with SAQCC (for Fire detection and gas suppression)

T1.3.2. FUNCTIONALITY EVALUATION

Bid submissions will be evaluated on the criteria outlined in items (1-4) below. Each Item (1 to 4) has an assigned “Weight” and “Rating” scale. During the evaluation process, Bidders shall be assigned a “Rating” for each item in 1 to 4.

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:

	***FUNCTIONALITY* CRITERIA**	**WEIGHT**
1.	**Previous Related Experience** **(**Similar to current RFQ Scope/Work) The rating of this item is based on a four-point scale: • None = 0 % - No submission • Weak = 33.3% - 1 x Contactable company reference and completion certificate • Moderate = 66.7% - 2 x Contactable Company references and completion certificates • Good = 100% - 3 x Contactable Company references and completion certificates	25
2.	**Human Resource Capacity** Adjudicated based on Human Resource Capacity Schedule required for the execution of the scope of work. The purpose is to establish an overall picture of the company's human resource capacity and ability to undertake the work. Company to have technicians registered with SAQCC and Fire Engineer registered with ECSA. The rating of this item is based on a four-point scale: • None = 0 % - No submission	25

	FUNCTIONALITY CRITERIA	WEIGHT
	• Weak = 33.3% - Company organogram not reflecting the resource needs for the scope of work (I x certified SAQCC technician and 1 x Fire Engineer registered with ECSA). • Moderate = 66.7% - Company organogram partially addressing the resource needs for the scope of work (2 x certified SAQCC technician and 1 x Fire Engineer registered with ECSA). • Good = 100% - Company organogram adequately addressing the resource needs for the scope of work (3 x certified SAQCC technician and 1 x Fire Engineer registered with ECSA).	
3.	**Equipment Resource Capacity** Adjudicated based on Equipment Resource Capacity (Plant, Equipment, vehicles, computers, software's etc.) The purpose is to establish an overall picture of the company's equipment resource capacity and ability to undertake the work and will therefore be services/goods specific. The rating of this item is based on a four-point scale: • None = 0 % - No submission • Weak = 33.3% - Minimal capacity in relation to the scope (Fire alarm control panel testing equipment, Smoke detector tester) • Moderate = 66.7% - Capacity meets the scope requirements with some gaps (Fire alarm control panel testing equipment, Smoke detector tester, Heat detector tester, Manual call-point test key) • Good = 100% - Capacity meets the scope requirements (Fire alarm control panel testing equipment, Smoke detector tester, Heat detector tester, Manual call-point test key, 1 x light bakkie, tool box, step ladder)	25
4.	**Work Breakdown / Schedule / Project Programme** Aligned with Contractual requirements, credible and acceptable The rating of this item is based on a four-point scale: • None = 0 % - No submission • Weak = 33.3% - The maintenance schedule is submitted but is unclear. • Moderate = 66.7% - The maintenance schedule is submitted and has some indication of the duration. • Good = 100% - The maintenance schedule is submitted and has a clear indication of the duration and delivery date.	25
TOTAL		**100**

*Responses are required to meet a **minimum of 70 percent** to be further evaluated.*

T1.3.3. PREFERENCE POINT SYSTEM

The (80/20) Preferential Point System will be used to evaluate price and preference on this quotation.

PART T2: RETURNABLE DOCUMENTS

T2.1. LIST OF RETURNABLE DOCUMENTS

1.1.1.1. The Bidder must utilise this list as a checklist prior to bid submission.

Table T2.1 List of Returnable Documents

No.	Description	Action Required
1.	Pre-qualifiers (List as per T1.3.1) Certificate of Contractor Registration issued by CIDB OR A copy of the application form for registration in terms of the CIDB Act. Letter of Good Standing from the Department of Labour or an Accredited Institution.	Attach copies
2.	Pricing Schedule / Bill of Quantities (BoQ)	Attach copy
3.	• Compulsory Enterprise Questionnaire • SBD 6.1 Preference Points • SBD 4 Bidder's Disclosure	• Complete and fully sign T.2.2 • Complete and fully sign SBD 6.1 • Complete and fully sign SBD 4
4.	Resolution Letter for the Contractor	Attach copy
5.	Refer to Functionality evaluation T1.3.2 for required documents.	Submit document as referenced in T1.3.2
6.	B-BBEE or Sworn affidavit certificate	Attach copy
7.	Record of addenda to bid documents	T2.2.2
8.	Alternative Bid	T2.2.3
9.	Qualifications to Bid	T2.2.4
10.	Record of Previous Experience, Quality of Workmanship and Safety	T2.2.5
11.	Human Resource Capacity Schedule	T2.2.6
12.	Equipment Resource Capacity (Plant and Equipment)	T2.2.7
13.	Letter of Bid (Form of Offer and Acceptance)	C.1.1.1
14.	Contract Agreement	C1.1.2
15	Detailed Project Programme in the following: **1)** Gantt Chart Format **2)** Level 2 schedule activities **3)** Credible and Aligned to Rand Water's Programme **4)** Resource loaded schedule Monthly cash flows, project to completion.	Attach copies

T2.2. RETURNABLE SCHEDULES

T2.2.1. COMPULSORY ENTERPRISE QUESTIONNAIRE

The following particulars must be furnished.

Section 1: Name of enterprise:	
Section 2: VAT registration number, if any:	
Section 3: CIDB registration number, if any:	
Section 4: CSD Number:	

Section 5: Particulars of sole proprietors and partners in partnerships:

Name *	Identity Number *	Personal income tax number *

* Complete only if sole proprietor or partnership and attach separate page if more than 3 partners

Section 6: Particulars of companies and close corporations

Company registration Number:	
Close Corporation number:	
Tax reference number:	

Section 7: SBD 4 issued by National Treasury must be completed for this bid.

I the undersigned, who warrants that he/she is duly authorized to do so on behalf of the enterprise:

- authorizes the employer to verify the Bidders tax clearance status from the South African Revenue Services that it is in order;
- 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;
- 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;
- 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
- 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

1.1 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, 1996 (Constitution), and further expressed in the various applicable legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

1.2 If a person is 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. DECLARATION ON EMPLOYMENT BY ORGAN OF STATE

2.1 Is the bidder, or any of the directors / trustees / shareholders / members / partners of the bidder employed by an organ of state, as defined in section 239 of the Constitution? **YES/NO**

2.2 If YES, furnish particulars of the names, individual identity numbers, in the table below:

Full Name	Identity Number	Name of organ of state

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

2.3.1 If so, furnish particulars:

……

……

……

2.4 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

2.4.1 If so, indicate all companies registered in the CSD in the table below:

Supplier registration number (MAAA)	**Status (active/inactive/deleted)**

Failure to disclose all CSD-registered active companies linked to all Directors will lead to disqualification**.**

3 GENERAL DECLARATION

I, ……....., the undersigned, 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 to be false.

3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor.

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.

3.5 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.

3.6 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.

3.7 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, 1998 (Act No. 89 of 1998) and or may be referred to law enforcement agencies for criminal investigation and or may be restricted from conducting business with the state for a period not exceeding 10 years in terms of the Prevention and Combating of Corrupt Activities Act, 2004 (Act No. 12 of 2004) or any other applicable legislation.

I CERTIFY THAT THE ABOVE IS CORRECT.

I ACCEPT THAT THE PROCURING INSTITUTION MAY REJECT THE BID OR TAKE APPROPRIATE ACTION AGAINST ME IF THIS DECLARATION IS FALSE.

……	……
Signature	Date
……	……...
Designation	Name of bidder

SBD 6.1

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to invitations to tender:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and

1.2 **To be completed by the organ of state**

a) The applicable preference point system for this tender is the 80/20 preference point system.

b) 80/20 preference point system will be applicable in this tender. The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.

1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:

(a) Price; and

(b) Specific Goals.

1.4 **To be completed by the organ of state:**

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	20
Total points for Price and SPECIFIC GOALS	**100**

1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.

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

2. DEFINITIONS

(a) **"tender"** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;

(b) **"price"** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;

(c) **"rand value"** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

(d) **"tender for income-generating contracts"** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and

(e) **"the Act"** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

3.1.1 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**

$$Ps = 80\left(1 - \frac{Pt - P\,min}{P\,min}\right) \text{ or } \quad Ps = 90\left(1 - \frac{Pt - P\,min}{P\,min}\right)$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

3.2. FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME GENERATING PROCUREMENT

3.2.1. **POINTS AWARDED FOR PRICE**

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

80/20 **or** **90/10**

$$Ps = 80\left(1 + \frac{Pt - P\,max}{P\,max}\right) \text{ or } \quad Ps = 90\left(1 + \frac{Pt - P\,max}{Pmax}\right)$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmax = Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:

4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—

(a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or

(b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,

then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

Table 1: Specific goals for the tender and points claimed are indicated per the table below.

(Note to organs of state: Where either the 90/10 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)
1	20	
2	18	
3	14	
4	12	
5	8	
6	6	
7	4	
8	2	
Non-compliant contributor	0	

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm…….

4.4. Company registration number: ……...

4.5. TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
- ☐ One-person business/sole propriety
- ☐ Close corporation
- ☐ Public Company
- ☐ Personal Liability Company
- ☐ (Pty) Limited
- ☐ Non-Profit Company
- ☐ State Owned Company

[TICK APPLICABLE BOX]

4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I 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 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;

iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –

(a) disqualify the person from the tendering 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 tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted 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, if deemed necessary.

	…… **SIGNATURE(S) OF TENDERER(S)**
SURNAME AND NAME:	……
DATE:	……
ADDRESS:	……
	……
	……
	……

T2.2.2. RECORD OF ADDENDA TO BID DOCUMENT

We acknowledge receipt of communications from the Employer amending the bid document before the submission of this bid offer. We confirm that these amendments have been taken into account in this bid offer.

Notice Number	Date	Title or Details
A.		
B.		
C.		
D.		
E.		
F.		
G.		
H.		

Name of Bidder: _____

Signed by or on behalf of Bidder: _____ Official Capacity: _____

Date: _____

T2.2.3. ALTERNATIVE BID

T2.2.3.1. Alternative bids will be accepted on the conditions described in T1.2 Bid Data

T2.2.3.2. 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.

T2.2.3.3. 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

Name of Bidder: _____

Signed by or on behalf of Bidder: _____ Official Capacity: _____

Date: _____

T2.2.4. QUALIFICATIONS TO BID

Should the Bidder wish to qualify any aspect of the bid (e.g. limitations, assumptions, limited liability, etc.), he shall set out his terms 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.

If no qualifications are made, the schedule shall be marked NIL and signed by the Bidder.

Name of Bidder: _____

Signed by or on behalf of Bidder: _____ Official Capacity: _____

Date: _____

T2.2.5. 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:

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

Name of Bidder: _____

Signed by or on behalf of Bidder: _____ Official Capacity: _____

Date: _____

T2.2.5.1 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:

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

Name of Bidder: _____

Signed by or on behalf of Bidder: _____ Official Capacity: _____

Date: _____

T2.2.5.2 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:

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

Name of Bidder: _____

Signed by or on behalf of Bidder: _____ Official Capacity: _____

Date: _____

T2.2.6. HUMAN RESOURCE CAPACITY SCHEDULE

The aspects covered by T2.2.6.1, T2.2.6.2 and T2.2.6.3 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.

T2.2.6.1. 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:

cont.

T2.2.6.2. Proposed Team Member List (Internal & External)

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

T2.2.6.3. List of Current Contracts (Work Load)

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

NOTES

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

Name of Bidder: _____

Signed by or on behalf of Bidder: _____ Official Capacity: _____

Date: _____

T2.2.7. EQUIPMENT RESOURCE CAPACITY (PLANT AND EQUIPMENT)

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

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

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

Name of Bidder: _____

Signed by or on behalf of Bidder: _____ Official 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: MAINTENANCE OF FIRE EMERGENCY SYSTEMS AT RAND WATER RIETVLEI AND SCIENTIFIC SERVICES FOR 12 MONTHS >

BID NO: 10418850

TO: Rand Water Online Bids Application or https://bids.randwater.co.za/

Attention: <NTIKANE RADEBE>

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_____)**

(_____)

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

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 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 (€** _____**)**
(_____**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 ($** _____**)**
(_____**__ 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 (£** _____**)**
(_____**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** _____
(_____**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.**
(Note: for foreign currency complete the amount in full where applicable and if not applicable state N/A).

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 90 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 as **MAINTENANCE OF FIRE EMERGENCY SYSTEMS AT RAND WATER RIETVLEI AND SCIENTIFIC SERVICES FOR 12 MONTHS** 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:

(a) 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)

1. 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.

2. 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
Name: **Ntikane Radebe**	Name:
Designation:	Designation:
Date:	Date:

In the presence of the undersigned witnesses:

Name:	Name:
Signature:	Signature:
Date:	Date:

C1.2. CONTRACT DATA

C1.2.1. GENERAL CONDITIONS

The General Conditions of Contract applicable to this Contract are the:
"General Conditions" which form part of the "Conditions of Contract for **SHORT FORM OF CONTRACT**.

First Edition 1999
As published by the Federation Internationale des Ingenieurs-Conseils (FIDIC)

C1.2.2. PARTICULAR CONDITIONS

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

The following clauses – of the Conditions of Contract for **SHORT FORM OF CONTRACT**, First Edition 1999, published by the Federation Internationale des Ingenieurs-Conseils (FIDIC) shall be amended as stated below:

a. GENERAL PROVISIONS

2.7 Definitions

The Contract

1.1.1. "Contract" means the Contract Agreement, the Letter of Acceptance, the Letter of Tender, these Conditions, the Specifications, the Drawings, the Schedules, and the further documents (if any) listed in the Contact Agreement or in the Letter of Acceptance.

1.1.2. "Specification" means the document entitled Specification, as included in the Contract, including Employer's requirements in respect of design to be carried out by the Contractor, if any, and any Variation to such document.

1.1.3. "Drawings" means the Employer's drawings of the Works, as included in the Contract, and any Variation to such drawings.

Persons

1.1.4. "Employer" means Rand Water which is a body corporate established in terms of Section 83 of the Water Services Act 107 of 1997.

1.1.7. Dates, Times and Periods

"Commencement Date" means the date recorded in the Letter of Acceptance unless otherwise defined in the Contract Agreement.

1.1.12. Other Definitions

"Country" means the Republic of South Africa.

1.1.17.

"Site" means the places where the permanent Works are to be executed and to which Plant and Materials are to be delivered.

The following definition isadded after Sub-Clause 1.1.19:

1.1.20 **"Accepted Contract Amount"** means the amount accepted in the Letter of Acceptance, or the amount recorded in the Contract Agreement if there is no Letter of Acceptance, for the execution and completion of the Works and the remedying of any defects.

1.1.21 **"Contract Agreement"** means the contract agreement referred to in Sub-Clause 1.7 [Contract Agreement].

1.3. Priority of Documents
The documents forming the Contract are to be taken as being mutually explanatory of one another. If any ambiguity or discrepancy is found in the documents, the Employer shall issue any instructions to the Contractor, and the priority of the documents shall be in accordance with the following sequence:

(a) The Contract Agreement;
(b) The Letter of Acceptance;
(c) The Letter of Tender (incorporating the Appendix);
(d) The Particular Conditions;
(e) The General Conditions;
(f) The Specification;
(g) The Drawings;
(h) The Schedules;
(i) The Addenda and any other documents forming part of the Contract.

1.6. Statutory Obligations
"The Contractor 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 Employer, against damages that it may suffer as a result of any breach by the Contractor, 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."

The following Sub-Clauses are added at the end of Clause 1:
1.7. Contract Agreement
"The Contractor shall within a reasonable time after having been called upon to do so, enter into and execute a Contract Agreement."

b. THE EMPLOYER

As per FIDIC

c. EMPLOYER'S REPRESENTATIVE

As per FIDIC

d. THE CONTRACTOR

4.2 Contractor's Representative

The following is added at the end of this Sub-Clause:
"Without derogating from the generality of the foregoing, the Contractor's Representative shall, at the Contractor's cost, implement forthwith any additional safety precautions which the Engineer may consider necessary for the proper protection of the Contractor's employees engaged in the Works. Work to which such additional precautions will apply shall be suspended pending the implementation of such precautions."

4.4 Performance Security
The following is added at the end of this Sub-Clause:
"Should the Contractor fail to provide the said security within the specified time the Employer, in his sole discretion, may either:-
(a) Withhold payment from the Contractor until the amount withheld is equal in value to one tenth (10%) of Accepted Contract Amount, or
(b) Proceed to issue notice in terms of Clause 12.1 [Default by Contractor]."

The following Sub-Clauses are added at the end of Clause 4:

4.5 Safety Procedures

The following is added at the end of this Sub-Clause:
"The Contractor shall:-
(a) comply strictly with the Employer's site SHE Specifications/Rules, applicable legislation, other requirements and regulations from time to time in force, a copy of which is 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;
(c) familiarize himself with all the Employer's internal SHEQ systems, regulations, policies and procedures and all legislative or statutory requirements with regard to the health and safety of the Contractor's employees;
(d) ensure that all his personnel are fully briefed with regards to all relevant policies and safety procedures and that all personnel have attended the requisite inductions;
(e) ensure that all personnel sign their acceptance of these procedures and regulations – which signed documents are to be kept in a register which is to be made available at all times for inspection;
(f) at its own cost provide all of its employees with all necessary safety equipment, namely, safety boots, hard hats, overalls etc. and will at all times adhere to the Employer's site rules and regulations, including his subcontractors and their employees, the South African safety regulations in particular, the Occupational Health and Safety Act (No. 85 of 1993) and relevant regulations and their latest revisions;
(g) be responsible for the discipline of its employees and shall, at the Client's request remove from the site any incompetent or undesirable employees."

4.6 Quality Assurance
"The Contractor 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 Works and services conform to the specified requirements. A copy of the ISO 9001 Certification Certificate (or equivalent) must be submitted on request.
The Employer will have the right to visit the manufacturing location for the purpose of audit, surveillance or inspection during the manufacturing of the Materials/Plant to verify the Contractor's quality management.
In the event of the Material/Plant 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 Contractor."

4.7 Sufficiency of the Accepted Contract Amount
"No claim by the Contractor 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 execution of the Works 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."

4.8 Contractor's Equipment
"All Contractor's Equipment shall be subject to and comply with the operational and safety regulations of the Employer and, upon notice by the Engineer, may at all times be inspected by relevant members of the Employer's Personnel for the purposes of ensuring compliance with the aforesaid regulations."

4.9 Protection of the Environment
"The Contractor's attention is directed to Employer's SHEQ Policy a copy of which is incorporated into and shall be read as part of the Contract Agreement.
The Contractor shall comply with all requirements, stipulations and the like of any Environmental Impact Assessment undertaken and/or issued in respect of the Works."

4.10 Security of the Site
"The Contractor shall at all times remain responsible for the security of his own Equipment.
In addition, the Contractor shall fully acquaint himself and strictly comply with all the Employer's security regulations particularly with regard to personnel, Plant, Material and Equipment entering or leaving the Employer's property. All badging costs shall be borne by the Contractor."

4.11 Health and Safety
"The Contractor is responsible for the safety and welfare of its employees and subcontractors employed on the Works."

4.12 Key Personnel
"The Contractor shall furnish the Employer with a list of addresses and telephone numbers of key personnel in the Contractor's organisation who may be contacted in any emergency both during and outside normal working hours."

4.13 Labour Laws
"Without derogating from the generality of Sub-Clause 1.6 [Statutory Obligations] the Contractor shall comply with all the relevant labour Laws applicable to the Contractor's personnel, including Laws relating to their employment, health, safety, welfare, immigration and emigration, and shall allow them all their legal rights.
The Contractor shall require the Contractor's personnel to obey all applicable Laws, including those concerning safety at work, and shall indemnify the Employer for the consequences of any failure by the Contractor's personnel to obey all applicable Laws as aforesaid."

4.14 Waiver of Contractor's Lien
"The Contractor waives, in favour of the Employer, any lien or right of retention that is or may be held in respect of the Works to be executed on the Site. The Contractor shall ensure that it procures similar waivers from its subcontractors."

e. **DESIGN BY CONTRACTOR**

As per FIDIC

f. EMPLOYER'S LIABILITIES

As per FIDIC

g. TIME FOR COMPLETION

As per FIDIC

h. TAKING OVER

As per FIDIC

i. REMEDYING DEFECTS

As per FIDIC

j. VARIATIONS AND CLAIMS

10.3 Early Warning
The second paragraph of this Sub-Clause is deleted and replaced with the following:
"The Contractor shall notify the Employer in writing of any event, circumstance or factor which may adversely affect the Works or the progress thereof, delay the execution of the Works or increase the contract price ("notified event"). Such notice shall be given as soon as possible, but in any event within not more than 7 days after the event, circumstance or factor in question was known or should reasonably have been known to the Contractor. In such notice the Contractor 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 Contractor to mitigate the potential adverse effects and meet the Time for Completion.
The Employer may also require the Contractor to submit a proposal under Sub-Clause 10.5 [Variation and Claims Procedure] in respect of any notified event. A notification in terms of this Sub-Clause 10.3 shall not constitute a notification of a claim for extension of time or additional cost pursuant to Sub-Clause 7.3 [Extension of Time] or Sub-Clause 10.5 [Variation and Claim Procedure], or otherwise under the Contract. In the event of the Contractor making a claim for an extension of time or additional cost under Sub-Clause 7.3 and/or 10.5 the event relied upon shall be assessed as if the Contractor had complied with the 7 day notice period referred to above."

k. CONTRACT PRICE AND PAYMENT

11.3 Monthly Statements
"The Contractor shall by the 25th day of each month submit to the Employer a statement showing the amounts to which he considers himself entitled.
In the event that the Contractor fails to submit a statement by the 25th day of the month any late submission will only be evaluated in the next month."

The following Sub-Clause is added at the end of Clause 11:

11.9 Tax Invoices
The Contractor shall issue an invoice to the Employer for all amounts to be paid to the Contractor under the Contract. Each invoice shall be issued to the Employer at least 28 days prior to the date on which the amount is payable.
If VAT is payable on any amount certified by the Employer for payment under the Contract, the Contractor shall ensure that the invoice complies with the requirements of a Tax Invoice under the Value Added Tax Act no. 89 of 1991 (as amended). No payment shall be made by the Employer on invoices not meeting this requirement and the Employer shall not be liable for interest for such non-payment.

l. DEFAULT
As per FIDIC

m. RISK AND RESPONSIBILITY
As per FIDIC

n. INSURANCE

14.1 Extent of Cover

"The Employer shall, prior to commencement of the Works, effect and thereafter maintain insurances in the joint names of the Parties:-
(a) for loss and damage to the Works, Materials and Plant, and
(b) for liability of both Parties for loss, damage, death or injury to third parties or their property arising out of the Contractor's performance of the Contract, including the Contractor's liability for damage to the Employer's property other than the Works.
This insurance shall be effected and maintained by the Employer in accordance with and to the extent provided in the Employer's construction risks insurance policy."
Notwithstanding anything to the contrary in this Clause 14 [Insurance] (and notwithstanding the definitions and other terms of the Contract), the scope and extent of insurance cover provided by the Employer as the insuring Party, and the Employer's obligations as the insuring Party under this Sub-Clause, are subject to the terms of the said policies.
The Contractor shall, prior to commencement of the Works, effect and thereafter maintain all additional and other insurances in the joint names of the Parties:-
(a) for loss and damage to the Contractor's Equipment,
(b) for Plant and Materials during manufacture or fabrication to the extent not covered by the policies procured by the Employer as the Insuring Party,
(c) for liability of both Parties and of any Employer's representative for death or injury to the Contractor's personnel except to the extent that liability arises from the negligence of the Employer, any Employer's representative or their employees, and
(d) to the extent that the Contractor considers it necessary, for other insurances for risks carried by the Contractor under the Contract (including for the Works, Plant, Materials and/or Contractor's Documents for risks which are not covered, or not sufficiently covered, as the case may be, by the Employer's policy(s))."

o. RESOLUTION OF DISPUTES

Clause 15
15.1 Adjudication
"If a dispute (of any kind whatsoever) arises between the Parties in connection with, or arising out of, the Contract, including the validity of the Contract, or the execution of the Works, including any dispute as to any certificate, determination, instruction, opinion or valuation of the Employer, either Party may, within 28 days after such dispute arising, refer the dispute to adjudication in accordance with the Rules for Adjudication all as appended to the FIDIC Short Form of Contract (First Edition 1999) ("the Rules"). 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.
Neither Party shall be entitled to be represented by a practicing and/or admitted lawyer (including but not limited to attorneys, advocates or judges) in any proceedings before the adjudicator. The proceedings shall be conducted on the papers unless both parties agree that a hearing should be held, or the adjudicator otherwise directs. Each Party

shall bear its own costs in regard to any matter referred to the adjudicator."

15.2 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."

15.3 Amicable Settlement

"Where notice of dissatisfaction has been given under Sub-Clause 15.2 [Notice of Dissatisfaction] above, 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."

15.4 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 agree 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) in force at the time of commencement of the arbitration,
(a) the dispute shall be settled by one arbitrator to be appointed by the Chairman of the Association of Arbitrators (Southern Africa),
(b) the arbitration shall be held in Johannesburg, and
(e) the arbitration shall be conducted in the language for communications defined in Sub-Clause 1.5 [Communications].
For the purpose hereof the term "dispute" shall be interpreted in the widest sense and shall include any dispute or difference in connection with or in respect of the conclusion or existence of the Contract, the carrying into effect of the Contract, the interpretation or application or the provisions of the Contract, the Parties respective rights and/or obligations in terms of and/or arising out of the Contract and/or the validity, enforceability, rectification, termination or cancellation, whether in whole or in part, of the Contract.
The arbitration shall not be construed as a review or appeal of any adjudicator's decision. Resolution of the dispute shall commence anew, as if no adjudication had taken place. The claimant in the adjudication shall be the claimant in the arbitration. The adjudicator's decision, or reasons, shall not be admissible in the arbitration.
Neither Party shall be limited in the proceedings before the arbitrator to the evidence or arguments previously put before the adjudicator to obtain his decision, or to the reasons for dissatisfaction given in its Notice of Dissatisfaction.
The adjudicator shall not be eligible for subsequent appointment as the arbitrator nor shall any party have the right to call on the adjudicator as a witness in the arbitration.
This Sub-Clause shall exist independently of this agreement to the extent necessary to resolve disputes that may arise out of or concerning this agreement, its validity or termination"

C1.2.3. EMPLOYER'S INSURANCE MANUAL

PRINCIPAL CONTROLLED INSURANCE CLAUSES - FOR USE WITH THE EMPLOYER'S CONTRACTS

PARTICULAR CONDITION 18

18.1 **Insurance Effected by the Employer.**

18.1.1 Notwithstanding anything elsewhere contained in this Contract and without limiting the obligations liabilities or responsibilities of the Contractor in any way whatsoever (including but not limited to any requirement for the provision by the Contractor of any other insurances) the **Employer** shall effect and maintain as appropriate in the joint names of the **Employer** the Contractor and where relevant subcontractors the following insurances which are subject to the terms limits exceptions and conditions of the Policy:

(b) **CONTRACT WORKS** Insurance - which will provide cover against accidental physical loss of or damage to the Works including temporary works, Plant and Materials intended to form part of the Permanent Works

(c) **SASRIA SPECIAL RISKS** Insurance - in respect of riot and associated risks of damage to the Works, including temporary works, Plant and Materials intended to form part of the Permanent Works.

(d) **PUBLIC LIABILITY** Insurance - which will provide indemnity against the insured parties legal liability in the event of accidental death of or injury to third party persons and/or accidental loss of or damage to third party property arising directly from the execution of the contract on or about the Site and occurring during the period of insurance with a limit of indemnity of R250,000,000 in respect of all claims arising from any one occurrence or series of occurrences consequent on or attributable to one source or original cause.

- The **Employer** shall pay any premium due in connection with the insurance effected by the **Employer**. All of the aforementioned policies are renewed on an annual basis and are thus applicable for the year they are placed, that is, a 12-month period commencing 01 July and ending 30 June of the ensuing year. In terms of all details contained hereunder, they are thus applicable until 30 June. Policy terms, conditions and deductibles may change on the 01 July depending on the outcome of the renewal. This will thus be the case for every ensuing year of insurance.

- The Contractor shall not include any premium charges for this insurance except to the extent that he may deem necessary in his own interests to effect supplementary insurance to the insurance effected by the **Employer**. The **Employer** reserves the right to call for full information regarding insurance costs included by the Contractor.

- Any further clarification of the scope of cover provided by the Policies arranged by the **Employer** should be obtained from the **Employer:**

Mr. Bafana Gamede
Tel: 011 682 0362
Fax: 011 682 0765
Email: bgamede@randwater.co.za

OR
Ms. Lerato Mosweu

Tel: 011 682 0709
Fax: 011 682 0765
Email: mmosweu@randwater.co.za

18.1.5 In the event of any occurrence which is likely to or could give rise to a claim under the insurances arranged by the **Employer** the Contractor shall:

a) In addition to any statutory requirement or other requirements contained in the Contract immediately notify the **Employer** by telephone and or e-mail giving the circumstances nature and an estimate of the loss or damage or liability.

b) Complete a Claims Advice Form available from the **Employer** to whom the form must be returned without delay.

c) Negotiate the settlement of claims with the Insurers through the **Employer's** Insurance Brokers and shall when required to do so obtain the **Employers** approval of such settlement.

The **Employer** and Insurers shall have the right to make all and any enquiries on the site of the Works or elsewhere as to the cause and results of any such occurrence and the Contractor shall co-operate in the carrying out of such enquiries.

i. The Contractor will be liable for the amount of the Deductible (First Amount Payable) in respect of any claim made by or against the Contractor or Subcontractors under the insurances effected by the **Employer**.

ii. The Contractor will be liable for the amount of the Deductible (First Amount Payable) in respect of any claim made by or against the Contractor or Subcontractors under the insurances effected by the **Employer**.

Insured Contracts

All contracts undertaken by the Insured involving Design, Construction, Testing, Commission in respect of new works, capital expenditure, Upgrade, modification, retrofitting, or alteration and/or additions to existing facilities undertaken by the Insured or other Insured Parties acting on their behalf but excluding.

(c) Projects with an estimated period exceeding 36 months (excluding Defects Liability period)

(d) Projects exceeding R500 million at inception

(e) Contracts involving Tunnelling

All Sums Insured inclusive of VAT.

Where more than one Contractor is involved in the same claim the Deductible will be borne in pro-rata amounts by each Contractor in proportion to the extent of each Contractor's admitted claim.

The Deductibles (First Amount Payable) for which the Contractors are responsible and which are applicable in respect of each and every occurrence or series of occurrences attributable to one source or original cause giving rise to loss or damage or liability indemnifiable are as follows:

(a) Under the **Contract Works Insurance** in respect of loss or damage

v) Wet Risks:
vi) 10% of the claim with a minimum R10,000 and a maximum of R 500,000
vii) Maintenance:
viii) 10% of the claim with a minimum R10,000 and a maximum R500,000
ix) Other contracts:
x) 10% of the claim with a minimum of R10,000 and maximum of R250,000

b) Under the **Sasria** (Special Risks) Insurance:
0.10% of the Contract Value in respect of loss by theft following an insured peril subject to a minimum of R2,500 and a maximum of R25,000

c) Under the Public Liability Insurance
in respect of loss of or damage to property R 25,000

(e) Under any other insurances shall be as specified in such insurance policy.

3.1.1 Any amount which becomes payable to the Contractor or any of his Subcontractors as a result of a claim under the Contract Works Insurance shall if required by the **Employer** be paid net of the Deductible to the **Employer** who shall pay the Contractor from the proceeds of such payment upon rectification repair or reinstatement of the loss or damage but this provision shall not in any way affect the Contractor's obligations liabilities or responsibilities in terms of the Contract.

In respect of any amount which becomes payable as a result of a claim under any Public Liability Insurances the Contractor or his Subcontractors shall be required to pay the amount of the Deductible to the Insurer to facilitate settlement of such claim.

18.2 **Insurance Effected by the Contractor.**

18.2.1 Without in any way detracting from any requirements contained elsewhere in this contract the Contractor and Subcontractors shall where applicable provide as a minimum the following:

1 Insurance of Contractors Equipment (including tools offices and other temporary structures and contents) and other things (except those intended for incorporation into the Works) brought onto the Site for a sum sufficient to provide for their replacement.

2 Insurance in terms of the provisions of the Social Security Act as may be amended or in terms of any similar Workers Compensation and Unemployment Insurance enactment's in the Contractors' or Subcontractor's operational, manufacturing or assembly locations.

3 Motor Vehicle Liability Insurance comprising (as a minimum) "Balance of Third Party" Risks including Passenger Liability indemnity.

4 Where the Contract involves manufacturing and/or fabrication of the Works or parts thereof at premises other than at the Site the Contractor

shall satisfy the **Employer** that all Plant and Materials for incorporation in the Works are adequately insured during manufacture and/or fabrication. In the event of the **Employer** having an insurable interest in such Works during manufacture or fabrication then such interest shall be noted by endorsement to the relevant Policies of Insurance.

Special Condition

5 Only applicable if contracts works involves elements of design

PROFESSIONAL INDEMNITY Insurance – of not less than R 1 000 000 for a period of insurance commencing on the date of award of the Contract. The Insurance shall include Retroactive cover to the date of Conceptual Design commencement and should be in effect for a period of 12 months after completion of the works.

Notwithstanding the required limit as set out above, "Professional Indemnity" the contractor will be liable for the full amount of the claim arising out of their errors and omission.

- The insurances to be provided by the Contractor and his Sub-contractor shall

2 Be effected with Insurers and on terms approved by the **Employer** – these terms shall be consistent with any terms agreed by both Parties before the date of the Letter of Acceptance. This agreement of terms shall take precedence over the provisions of this Clause

3 Be maintained in force for whatever period the perils to be insured by the Contractor are at risk (including any Defects Notification Period during which the Contractor is responsible for the care of the Works)

4 Within the respective periods stated in the Appendix to Bid submit to the **Employer** the relevant Policy or Policies of Insurance or evidence acceptable to the Employer that such insurances have been effected.

18.2.3 In the event that the Contractor or his Subcontractor receives any notice of cancellation or restrictive modification to the insurance provided to them they shall immediately notify the **Employer** in writing of such cancellation or restriction and shall advise what action the Contractor or his Sub-contractor will take to remedy such action.

If the Contractor fails to effect and keep in force the insurances referred to then the **Employer** may effect and keep in force any such insurances and pay such premium or premiums as may be necessary for that purpose and from time to time deduct the amount paid by the **Employer** from any monies due or which may become due to the Contractor or recover same as a debt from the Contractor.

18.3 **Subcontractors.**

The Contractor shall:

a) Ensure that all potential and appointed Subcontractors are aware of the whole contents of this clause, and

b) Enforce the compliance by Subcontractors with this clause where applicable.

PART C2: PRICING DATA

C2.1. PRICING ASSUMPTIONS

2 These Bills of Quantities (C2.2) shall be used to assist both parties in administering and agreeing any changes/variations, which may arise during the course of the Contract.

3 These Bills of Quantities shall be used to calculate the value of work completed in the evaluation of interim/final payments.

4 The Bidder is deemed to have allowed opposite each item contained in these Bills of Quantities 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.

5 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 Bills of Quantities 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.

6 Any item left un-priced will be deemed to be provided for elsewhere and no claim for any extras arising out of the Bidder's omission to price any item will be entertained.

C2.2. BILLS OF QUANTITIES (BoQ)

	MILESTONES / LINE ITEMS	***Estimated delivery period*** *(where applicable)*	***UNIT PRICE*** *(where applicable)*	***QUANTITY*** *(where applicable)*	***COSTING***
1.	Compilation and submission of safety file per Rand Water standards on all sites for all Site Rietvlei and Scientific Services (AS, PT, WWHSE)	NO		2	
2.	Yearly servicing of fire detection and suppression systems (gas and sprinklers) as detailed in the scope of work for all 4 site - Rietvlei and Scientific Services (AS, PT, WWHSE)	NO		1	

	MILESTONES / LINE ITEMS	***Estimated delivery period*** *(where applicable)*	***UNIT PRICE*** *(where applicable)*	***QUANTITY*** *(where applicable)*	***COSTING***
3.	6 months servicing of fire detection and suppression systems (gas and sprinklers) as detailed in the scope of work for all 4 sites - Rietvlei and Scientific Services (AS, PT, WWHSE)	NO		2	
4.	Monthly servicing of fire detection and suppression systems (gas and sprinklers) as detailed in the scope of work for all 4 site - Rietvlei and Scientific Services (AS, PT, WWHSE)	NO		12	
5.	Quarterly servicing of PA System and emergency exit door alarms at all sites Rietvlei and Scientific Services (AS, PT, WWHSE)	NO		4	
6.	Quarterly servicing of emergency exit doors at all sites Rietvlei and Scientific Services (AS, PT, WWHSE)	NO		4	
7.	Pressure Testing of FM 200 at – Detailed report to be submitted with dated photographic evidence	NO		5	
8.	Additional work- refer to point 9 on Scope of Works	item		1	
9.	Provisional sum Spares and emergency call out (ADHOC)	item	400 000.00	Sum	400 000.00
TOTAL					
VAT					
TOTAL [VAT INCLUDED]					

ADHOC MAINTENANCE RATES

AD HOC REPAIRS (UNPLANNED INCLUDING EMERGENCY CALL OUT)

DESCRIPTION	APPLICATION	OUM	Pricing
Material Markup = X%	Original quotation	-	
Technician (Normal hour) (incl consumables)	Repairs	HOUR	
Technician (overtime, weekend and public holiday) (incl consumables)	Repairs	HOUR	
Assistant Technician call out for (Normal hour) (incl consumables)	Repairs	HOUR	
Assistant Technician (overtime, weekend and public holiday) (incl consumables)	Repairs	HOUR	
Admin Fee	Call out	-	
Travelling	Call out / repairs	R / KM	

PART C3: SCOPE OF WORK

C3.1. SCOPE OF WORK

C3.1.1. DATES FOR DELIVERY AND COMPLETION

(i) It is estimated that the Contract will be placed on or before <1 November 2026> access to undertake work will only become available after the issue of the Site Access Certificate.

(ii) The Bidder shall state the proposed start and completion dates based on the above approximate date.

(iii) The Bidder shall simultaneously fill in the period required to complete the work in days or weeks from the date of acceptance of the offer by the Employer.

C3.1.2. The Bidder must refer to **Scope of Work** provided in this bid document.

Scope of work

SCOPE OF WORKS:

1. PURPOSE

The purpose of the document is to procure services of a suitably qualified Fire prevention and protection systems contractor for maintenance services of fire detection and gas suppression system, sprinkler system, pa address and emergency exit alarms at various Rand Water sites for a period of 12 months.

The sites are as follows:

Rietvlei (RV)

Analytical Services (AS)

Process Technology (PT)

Water Wise House (WWHSE)

2. STATUTORY AND REGULATORY REQUIREMENTS

The existing equipment shall be maintained and commissioned in compliance with the following applicable regulations:

- SANS 10400 – 2011 The application of the National Building Regulations
- SANS 10142-1:2009; The code of practice for wiring of a premises as amended.
- SANS 1475
- SANS 246
- SANS 14520
- SANS 10139

- National Building Regulations and standard Act 103 of 1977
- Occupational Health and safety Act 85 of 1993
- Quality Management System requirement ISO 9001:2015
- Environmental management system ISO 14001; 2015
- Occupational Health and safety Management System ISO 45001:2018

The service provider shall, at the request of Rand Water's representative, conduct a complete inspection to evaluate the equipment relevant to the works and submit an assessment report detailing the items that require maintenance/ repairs.

3. QUALITY OF MATERIAL AND WORKMANSHIP

- All materials shall be new, undamaged and free from rust or other defects. Only material of the best quality, which has been approved by RW's representative, shall be used.
- Where applicable, all material shall be in accordance with the relevant standard specifications of the South African Bureau of Standards
- The installation shall be carried out according to the latest modern engineering practices.
- Rand Water's representative reserves the right to reject any work or part thereof that, according to his judgement, does not meet the highest standards of material and workmanship and to enforce replacement of the work at the expense of the *Contractor*.
- The *Contractor* shall institute an approved Quality Assurance system (QA), which shall be submitted to the *Building Manager* for his/her approval. The records of this QA system shall be kept throughout the duration of the contract and be submitted at regular intervals as required by the *Building Manager.*
- The spare parts used for replacements shall be from an authorised reseller of the same make/ quality.
- The Contractor shall maintain a service logbook with all job cards signed by the Building Supervisor.

4. OPERATIONAL HOURS

Rand Water facilities are operational 24 hours. Normal working hours for this service shall be considered as from 08:00 to 16:30. Down-time Fire Detection for routine maintenance shall be arranged with the building supervisor to suit Rand Water operations.

5. **FIRE DETECTION** SYSTEM MAINTENANCE

5.1 Scope of Maintenance

The Service Provider shall maintain all:

- Fire alarm panels
- Addressable and conventional systems
- Smoke detectors
- Heat detectors
- Aspirating smoke detection systems
- Beam detectors
- Flame detectors
- Carbon monoxide detectors
- Manual call points
- Sounders and bells
- Visual alarm devices
- Interface modules
- Power supplies and batteries
- Printers and communication modules
- Emergency generators linked to systems

5.2 Planned Preventative Maintenance

The Service Provider shall perform all inspections, testing, servicing, and maintenance activities in accordance with SANS 10139 requirements, including:

Annual Maintenance

- Functional testing of all fire detectors.
- Testing of manual call points.
- Battery load testing.
- Inspection of all detectors for damage or contamination.
- Testing of fire alarm devices.
- Verification of cause-and-effect programming.

- Testing of alarm signal transmission.
- Inspection of cabling and fixings.
- Verification of analogue values.
- Testing of voice alarm systems.
- Inspection of standby power supplies.
- Replacement of faulty components.

Six-Monthly Maintenance

- Inspection of system logbooks.
- Testing of control and indicating equipment.
- Testing of alarm sounders and indicators.
- Simulation of fault conditions.
- Verification of printer functionality.
- Inspection of occupancy or structural changes.
- Testing of ancillary functions.
- Servicing of radio-linked systems.

Monthly Maintenance

- Testing of standby generators.
- Inspection of battery systems.
- Familiarisation alarm tests.
- Testing of manual call points.
- Verification of alarm transmission.
- Inspection of sounder functionality.

6. **GAS SUPPRESSION** SYSTEM MAINTENANCE

6.1 Scope of Maintenance

The Service Provider shall maintain all:

- FM200 systems
- Inert gas systems
- Cylinders and containers
- Pressure gauges
- Release mechanisms
- Discharge nozzles
- Pipework

- Detection interfaces
- Alarm interfaces
- Manual release stations
- Abort stations
- Control panels

6.2 Planned Preventative Maintenance

All gas suppression systems shall be maintained in accordance with SANS 14520.

Annual Maintenance

- Full inspection and testing of systems.
- Verification of enclosure integrity.
- Inspection of hoses and pipework.
- Calibration of gauges and monitoring devices.
- Inspection of cylinders and release mechanisms.
- Review of enclosure changes affecting performance.
- Submission of annual inspection reports.
- Inspection of cylinder content levels.
- Verification of pressure levels.
- Replacement or refilling where losses exceed allowable limits.
- Inspection of all pressure monitoring systems.

Quarterly Maintenance

- Inspection of enclosure hazards.
- Verification of extinguishant concentration capability.
- Personnel training verification.

7. **SPRINKLER** SYSTEM MAINTENANCE

The Service Provider shall perform all inspections, testing, servicing, and maintenance activities in accordance with applicable SANS standards and manufacturer recommendations.

Annual Maintenance

- The Service Provider shall:
- Conduct a full inspection of the sprinkler system.
- Inspect all sprinkler heads for damage, corrosion, paint contamination, obstruction, or mechanical defects.
- Inspect pipework for leaks, corrosion, deterioration, or physical damage.
- Test all control valves and alarm valves for correct operation.

- Inspect and test water flow alarm devices.
- Conduct pressure and flow testing of the sprinkler system.
- Inspect all pipe supports, hangers, and brackets.
- Test pressure switches and flow switches.
- Inspect and test fire pumps and jockey pumps.
- Verify automatic and manual pump operation.
- Inspect water storage tanks for structural integrity and contamination.
- Inspect pump control panels and electrical connections.
- Inspect all drain valves and test valves.
- Verify water supply adequacy and operating pressures.
- Flush systems where required.
- Replace defective sprinkler heads, valves, gauges, and fittings.
- Submit annual inspection and test reports.
- Issue compliance certificates where applicable.

Six-Monthly Maintenance

- The Service Provider shall:
- Inspect all sprinkler control valves and isolation valves.
- Verify valve positions and locking arrangements.
- Inspect alarm valves and associated trim.
- Test alarm activation functionality.
- Inspect pressure gauges and verify readings.
- Inspect exposed pipework for corrosion or damage.
- Inspect sprinkler heads for obstruction or damage.
- Test flow switches and alarm monitoring interfaces.
- Verify communication with the fire detection system where integrated.

Monthly Maintenance

- The Service Provider shall:
- Inspect sprinkler pump sets.
- Verify pump readiness and automatic operation.
- Record pump pressure readings.
- Inspect water storage tank levels.
- Inspect control valves and ensure valves remain in the correct operating position.
- Inspect alarm indicators and fault conditions.
- Inspect pump room housekeeping and accessibility.

8. **PA ADDRESS** SYSTEMS AND EMERGENCY EXIT ALARMS

8.1 Scope of Systems

The systems include:

- PA amplifiers
- Emergency speakers
- Emergency alarm systems
- Emergency exit alarms
- Control panels
- Cabling and interfaces

8.2 Maintenance Requirements

The Service Provider shall:

Six- Monthly Maintenance:

- Test all speakers and alarms.
- Inspect amplifiers and control panels.
- Verify audibility and clarity.
- Test emergency activation functionality.
- Inspect wiring and power supplies.
- Repair or replace defective components.
- Ensure systems remain fully operational.

9. ADDITIONAL REPAIRS REQUIRED

9.1 The scope to include:

- Install new electric pump to support fire hydrants- 800kPA with control panels.
- Install 7 additional external fire hydrants- spec as existing equipment.
- Pressure gauges to be installed on all fire hydrants.
- 6 x Control Valves and gauges to be replaced at pump house.
- 6 x Alarm Gongs to be replaced at pump house.
- Fire Hydrants to be repositioned to ensure pressure levels are consistent.

10. INFRASTRUCTURE

FIRE DETECTION AND GAS SUPPRESSION SYSTEM INFRASTRUCTURE (SCIENTIFIC SERVICES)

Building	Type of Panel	No. of Sigma's	Area covered	No of fire detectors	No of smoke detectors	Manual call point (MCP)	No. of Sounders / bell	No. Cylinder (FM 200)
ANALYTICAL SERVICE	Zyton two-way addressable way	10	Entire Building	200	9	10	5	8
PROCESS TECHNOLOGY	Techno switch		Entire Building incl	85	2	5	2	-
WWHSE	Sigma conversional		Entire	12	2	2	1	
VIROLOGY – Supply, delivery and installation	Addressable panel			10		2	1	1

FIRE DETECTION AND GAS SUPPRESSION SYSTEM INFRASTRUCTURE (RIETVLEI NEW WING)

	Type of Panel	Gas control units	Area covered	No of smoke/detectors	No of sprinklers	Manual call point (MCP)	No. of Sounders / bell	No. Cylinder (FM 200)
Level 2	Zyton two-way addressable way	8	Entire Level	5	100	4	11	8
Level 3	Zyton two-way addressable way	0	Entire Level	13	300	2	1	-

Level 4	Zyton two-way addressable way	4	Entire Level	33	400	4	2	4
Level 5	Zyton two-way addressable way	0	Entire Level	17	200	4	4	-

FIRE DETECTION AND GAS SUPPRESSION SYSTEM INFRASTRUCTURE (RIETVLEI OLD WING)

	Type of Panel	No. of Sigma's	Area covered	No of smoke/detectors	No of sprinklers	Manual call point (MCP)	No. of Sounders / bell	No. Cylinder (FM 200)
Level 1	Zyton two-way addressable way	1	Entire Level	25	200	1	1	1
Level 2	Zyton two-way addressable way	5	Entire Level	30	350	4	3	9
Level 3	Zyton two-way addressable way	7	Entire Level	26	400	6	7	7
Level 4	Zyton two-way addressable way	1	Entire Level	16	500	4	1	1
Level 4	Zyton two-way addressable way	-	Entire Level	8	100	3	1	

PA ADDRESS SYSTEM AND EMERGENCY EXIT ALARM INFRASTRUCTURE AT ANALYTICAL SERVICES

DESCRIPTION	PA system	Emergency exit doors
Rietvlei	1 (105 speakers/ alarms)	26
Analytical Services	1 (15 speakers/ alarms)	12

11. RESPONSIBILITIES

RESPONSIBILITIES OF RAND WATER

The responsible Rand Water official will notify the Contractor, give a description of the problem, as they perceive it and merely give their opinion as to the reason or cause; however, Rand Water will not accept any responsibility for any information given with regard to the fault or its location or reasons, therefore.

Notification to the contractor will be done by means of a telephone call, or an e-mail. Records of notification will be kept and updated by the contractor.

Rand Water will afford the Contractor access to the works site and to such other places as may be necessary to enable the Contractor to carry out his/her duties.

12. RESPONSIBILITIES OF THE CONTRACTOR

The Contractor shall be responsible for the complete maintenance service, fully described and detailed in the Scope of Work. The Contractor shall establish and maintain a job card system and all repair work, modifications and descriptions of work done, shall be recorded on the job card system.

The names of the person who issued the instruction as well as the names of the contractor’s personnel who carried out the work shall be recorded on the job card.

Each job card shall be signed off by the employer’s duly appointed representative.

Copies of each of the fully completed and signed job cards shall be submitted together with a summary of work done, when the work is invoiced for payment.

The Contractor shall carry out the necessary repair and maintenance work within the specified response and repair time, once notification has been given to the contractor to commence with the repair or maintenance work.

The Contractor shall maintain all the documents, supplied by Rand Water, in a neat and usable condition and shall return the documents, including the additional documents

obtained during the course of the Contract to Rand Water on completion of the Contract. The Contractor shall update literature and drawings whenever he becomes aware of discrepancies in them.

13. CONTRACTORS PERFORMANCE

Depending on the severity of the maintenance or repair required, all repair work shall be concluded on the same day that it was reported; however, where the fault was reported after midday, the work so required shall be concluded by midday the following day, i.e., within 24 hours. Where the work to be done cannot be reasonably expected to be concluded within the time allocated, the due time for repair will be communicated to the employer for his approval thereof.

14. TERMS OF PAYMENT

A tax invoice for the monthly maintenance shall be submitted by the 25th of the month, payment thereof to be processed with the next cheque run i.e., before the end of the following month. This procedure will be followed for each monthly maintenance period.

15. AD HOC REPAIRS

The contractor is required to have a 24/365 call out facility. The maximum response time which the contractor must respond shall be less than 30 minutes.

The contractor shall ensure that standby arrangements for emergency call outs are at all times in place with contact details of the technicians on standby.

All ad hoc and miscellaneous repairs in this tender will be treated as “as and when” the service is needed.

The contractor will not be entitled to claim any of the amounts listed in ad hoc repairs unless work has been carried out. Such work must be first be requested by Rand Water official and the reference number quoted in all job cards.

PART C4: SITES INFORMATION

The services shall be provided at the following Rand Water sites:

4.1 Rand Water Head Office (Rietvlei):

522 Impala Road
Glenvista
Johannesburg

4.3 Scientific Services (AS, PT, WWHSE- Analytical Services, Process Technology and Water Wise):

111 Barrage Road
Vereeniging
1930