	REQUEST FOR INFORMATION	Form No: RW SCM 00051 F Revision No: 01 Effective Date: 01 Nov 2023
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**REQUEST FOR INFORMATION(RFI) FOR THE PROCUREMENT OF THE TRAILER MOUNTED
 VALVE EXERCISING MACHINE FOR THE OPERATIONS AND MAINTENANCE OF VALVES
 AT RAND WATER**

ISSUE DATE:	FRIDAY, 20 JUNE 2025		
NON-COMPULSORY BRIEFING SESSION DATE:	N/A	N/A	
BRIEFING SESSION VENUE:			
CLOSING DATE:	FRIDAY, 11 JULY 2025	AT 16 :00pm	

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

BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:			
BUYER		SOURCING MANAGER	
CONTACT PERSON	Jabulile Molema	CONTACT PERSON	Ntikane Radebe
TELEPHONE NUMBER	011 682 0393	TELEPHONE NUMBER	011 682 0208
E-MAIL ADDRESS (Submissions must be made to this address)	JMolema@randwater.co.za	E-MAIL ADDRESS	nradebe@randwater.co.za

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1. DISCLAIMER


This Request for Information (RFI) is issued solely for information and planning purposes and does not constitute a solicitation of bid. While all reasonable care has been taken in preparing this Document, the information has been prepared by Rand Water in good faith, based on information obtained from various sources. However, RAND WATER neither accepts any liability or responsibility for the adequacy, accuracy, or completeness of any of the information or opinions stated herein.

Where expressly stipulated otherwise, no representation or warranty (whether express or implied) is or will be given by the RAND WATER or any of its officers, employees, servants, agents, advisors, or any other person with *respect* to the information or opinions contained in this Document.

RAND WATER reserves the right to amend, modify or withdraw this Document or any part thereof, or to terminate or amend any of the procedures, processes or requirements detailed in this Document at any time, without prior notice and without liability to compensate or reimburse any Government, Organisation, or person pursuant to such amendment, modification, withdrawal, or termination.

RAND WATER reserves the right to adopt any proposal made by any person responding to this Document at any time and to include such proposal in any documents which may or may not be made available to any other persons responding to this Document, without the obligation or liability to pay any compensation or reimbursement of any nature to any Government, Organisation, or person pursuant to such adoption. The terms and conditions set out in this Document are stipulated for the express benefit of RAND WATER.

This Document is provided solely for the purpose set out herein and is not intended to form any part or basis of any commitment, investment decisions or expectations by the Respondent (responding to this RFI), its shareholders, members, or its lenders outside of this RFI. Each person that accesses this Document must make its own independent assessment of the Project in respect of which it intends submitting a RFI Response, taking such advice (whether professional or otherwise) as it deems necessary. If a portion of the information to be supplied

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is considered commercially sensitive by the respondent, RAND WATER will consider entering into an appropriate Non-Disclosure Agreement. Respondents to this RFI must in addition declare whether, if any part of their submission is a registered Intellectual Property (patent, copyright, etc.)


No Respondent, its shareholders, members, contractors, suppliers or lenders shall have any claim against RAND WATER, its officers, employees, servants, agents or Transaction Advisors, under any circumstances whatsoever, arising out of any matter relating to this RFI, any ancillary matter relating thereto or this Document of any nature whatsoever, including where such claim is based on any act or omission by RAND WATER, or any of its officers, employees, servants, agents or Transaction Advisors of any nature whatsoever, or where such claim is based on the content of, or any omission from, this Document of any nature whatsoever.

2. BACKGROUND

2.1 Rand Water's infrastructure comprises several types of valves of varied sizes and pressures. The valves are regularly inspected, operated, and evaluated against their mechanical status and functionality. While many of these valves are always in an open position, they must always remain functional. This request for information seeks to acquire a valve exercising machine that can evaluate the condition of all the valves, considering that access for inspection is often limited.

2.2 Rand Water is actively isolating valves and conducting routine maintenance to prevent failures, which includes lubrication, cleaning, and other preventative measures. However, there are challenges in regularly exercising valves that are in constant use which the valve exercising machine can address. The valve exercising machine is expected to assist Rand Water in determining the functionality of its valves in situ within its distribution network.

2.3 The valve exercising machine will be used for in situ inspection thereby eliminating the necessity for operators to manually operate the valves in order to establish valve functionality. It is required that the valve exercising machine be trailer boomed mounted, diesel powered and be equipped with a torque control to facilitate precise mechanical cycling of the valves. Employing the valve exercising machine will support a risk-based approach methodology, enabling more frequent inspection and


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maintenance of critical and non-critical valves within the Rand Water distribution network while minimizing human intervention.

- 2.4 The objective of acquiring this valve exercising machine is to exercise and assess each valve's condition while identifying situations that pose significant risks of failure or service interruption and to identify situations that pose a significant danger of valve failure or interruption of service.

3. OVERVIEW OF THE REQUIREMENTS

- 3.1 The valve exercising machine is expected to perform inspection in situ, eliminating the need for manual valve assessment. It should be trailer boom-mounted, diesel-powered, and equipped with torque control for mechanical cycling of valves.
- 3.2 Additionally, the machine should include a global positioning system (GPS) to load location data, maintenance records, repair history, and lifecycle information. This feature shall enhance Rand Water's geographic information systems, improving maintenance schedules and validating asset registers.
- 3.3 The machine must exercise the valves, preventing them from failing in either open or closed positions. Large manually operated valves often require numerous revolutions to transition from open to closed, making manual operation challenging and hazardous for workers, who risk repetitive stress injuries.
- 3.4 Equipped with a GPS plotting device, the valve exercising machine should accurately map the locations of individual valves during maintenance, assisting workers in locating valves that need attention, especially in difficult-to-access areas.
- 3.5 Automation and microprocessor-controlled handheld devices must allow for hands-free operation. The machine should be trailer mounted, capable of providing maintenance at remote sites, and adaptable for future upgrades to meet evolving operational demands. The valve exercising machine must be trailer boomed mounted and be equipped with an extended reach valve exerciser, wireless handheld controller/datalogger with GPS and supported software for asset management and maintenance scheduling.
- 3.6 The machine should also be equipped with a positive displacement blower with vacuum capabilities for debris removal, along with a hydraulic slide, tilt, and dump (rear discharge) mechanism, and a latching rear door for the spoils tank.

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3.7 The machine should have variable speed control and be able to operate valves ranging from 100mm to 3000mm nominal bore diameters.

3.8 The valve exercising machine should be capable of functioning under pressure up to 8500 Kpa or more.

3.9 Provision for additional auxiliary equipment and accessories may also be included.

4. PROFESSIONAL REQUIREMENTS INDEMNITY

4.1 The supplier must provide a comprehensive proposal detailing the specification, features, brochures, functionalities of the valve exercising machine. This should include any associated services such as installation, training, and ongoing support.

4.2 The supplier must possess all necessary licenses and certifications required for manufacturing, supplying and servicing of the valve exercising machine in compliance with applicable regulations.

4.3 The supplier must demonstrate a commitment to quality assurance by providing documentation of compliance with relevant industry standards and certification (eg, ISO, ASTM).


4.4 The supplier must offer a warranty period of at least a year for the valve exercising machine, covering parts and labour. Additionally, the supplier should provide details on post installation support and maintenance.

4.5 The supplier must outline the proposed delivery timeline and installation process, including any requirements for site preparation.

5. MINIMUM SUBMISSION REQUIREMENTS

In addition to the above the expert consultant is required to provide RAND WATER with the following:

- A detailed technical specification, including dimensions, weight, power requirements, torque and operational capabilities.
- Cost estimates for implementation.
- Company Profile and experience.
- Details of post installation support and maintenance services, including response times and service requests.

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6. COST OF REQUEST FOR INFORMATION

Respondents are expected to fully acquaint themselves with the conditions, requirements, and specifications of this RFI before submitting responses. Each Respondent assumes all risks for resource commitment and expenses, direct or indirect, of RFI preparation and participation throughout the RFI process. RAND WATER is not responsible, directly, or indirectly, for any costs incurred by service providers.

7. TERMS AND CONDITIONS


Respondents shall sign a Non-Disclosure Agreement (NDA) with RAND WATER so that they can have access to additional information for this RFI.

RAND WATER reserves the right to.

- ✓ Verify any information contained in a response.
- ✓ Postpone, withdraw, amend, modify, or cancel the RFI process at any time, without prior notice and without liability to compensate or reimburse any person pursuant to such.

7.1 *Submission of RFI Responses*

- To facilitate the preparation of the RFI Response, Respondents may access the following website where the Document can be downloaded:
<https://www.randwater.co.za/availabletenders.php/>.
- The RFI Response, must be submitted to RAND WATER online bid submission by not later than the time and date of 16:00 on 11 July 2025.
- RFI Responses reaching RAND WATER later than the cut-off time and date specified above may, in the RAND WATER's sole discretion, be rejected without further consideration.
- RFI Responses may be submitted prior to the cut-off time and date specified above, however only complete RFI Responses will receive attention from the RAND WATER.

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- All costs incurred by a Respondent in connection with this Document and the preparation of its RFI Responses shall be borne by the Respondent.
- Responses submitted by companies must be signed by a person or persons duly authorised thereto in a form of a resolution so passed by the appropriate governing structure or letter of Delegation by an authorised Official of such Company.

7.2 *Language of the RFI Response*


- The RFI Response and all documents forming part of it shall be in English.
- Any printed literature submitted with the RFI Response may be in another language so long as it is accompanied by an English translation (made by an accredited translator) of the entire document.
- All correspondence and any other documentation and oral communication exchanged between the Respondent and the organisation shall be in English.

7.3 *Further Information*

- RAND WATER reserves the right to seek additional information from the Respondent regarding its RFI Response, as it may, in its sole discretion, determine, whether such information has been requested under this Document or otherwise, and may require the Respondent to make oral presentations for clarification purposes or to present supplementary information, in respect of its RFI Response if so, required by the RAND WATER.
- The Respondent may, following the submission of a RFI Response, be requested to engage with RAND WATER. Any meetings are likely to take place at RAND WATER offices, which is at the following address: **522 Impala Road, Glenvista 2058, South Africa.**

7.4 *Contact with the Supply Chain Office*

- All queries and requests for clarification in respect of this Document must be addressed to the Supply Chain Office of Rand Water. E-mailed or oral requests and queries addressed to persons other than a Supply Chain Official, at the address, will not be entertained and will not receive a response. RAND WATER

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will endeavour, in good faith, to respond to all reasonable written queries and requests for clarification raised by the Respondent Rand Water will provide a final response on clarifications by no later than **ten (10)** calendar days before the closing date.

- The Respondent must give the name and contact details of the person whom it appoints to undertake all contact with the SCM Office in its RFI Response.
- After the submission of its RFI Response, the Respondent may only communicate with RAND WATER through such person and RAND WATER shall be entitled, at its sole discretion, to disregard any communication from the Respondent, that does not come from such contact person, and that does not go directly to the Supply Chain Office.