

	<h1>BID CLARIFICATION</h1>	Form No: RW SCM 00041 F Revision: 03 Effective Date: 31 Jan 2023
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Bid Number **RW10403094/25**
Clarification Number **02**

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Date: 12 June 2025

BID NUMBER RW10403094/25

BID DESCRIPTION:

PROVISION OF NON-DESTRUCTIVE TESTING SERVICES FOR VARIOUS SYSTEM FOR THE DURATION OF 60 MONTHS

The pages referenced are the pages of the **RW10403094/25** bid document. **BID DESCRIPTION: PROVISION OF NON-DESTRUCTIVE TESTING SERVICES FOR VARIOUS SYSTEM FOR THE DURATION OF 60 MONTHS**

This clarification consists of statements in the following pages.

SIGNATURES

Buyer Name :

Sourcing Manager Name:

Sign :

Sign :

Supply Chain Manager Name :

Sign :

BID CLARIFICATION

QUERIES	RAND WATER RESPONSE
<p>I would like to find out if we would like to tender on all the packages, do we include all the pricing schedules in one submission or separate submission for each package?</p> <p>Must the contract agreement be submitted at closing date and time? If so, kindly provide clarity on fidelity guarantee?</p>	<p>One bid document is required, with each package having its own Form of Offer and BOQ as specified in the bid document for fair evaluation (The Form of offer and BOQ must be a separate submission).</p> <p>Contract Agreement will be signed upon award. Fidelity guarantee will be required upon award, however service provider/s to ensure any other insurances required for award are submitted.</p>
<p>1. I have downloaded all the documents for the above tender, however the zipped folder "Annexure C2.2" is empty. Please advise what documentation belongs to C2.2?</p> <p>2. Section J states that a completed and signed clause (T2.2.13) must be submitted but there is no section T2.2.13. Please advise where can I obtain the document?</p>	<p>The BOQ's uploaded on the e-tenders under the Bid number as packages A to H. All packages were uploaded</p> <p>C2.2 Bill of quantities (BOQ's) A-H attached as Annexures on e- tenders portal.</p> <p>Fully Completed and signed clause T2.2.13 Safety, health, and Environment - Refer to page 40 on the Bid document T2.2.10</p>

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<p>In FUNCTIONALITY EVALUATION criteria, Section D - Human Resource Capacity, the different required resources are listed. Is it acceptable to have one resource being responsible for more than one area/discipline if they are adequately qualified e.g. one person being responsible as a Level 2 Coating Inspector and a Level 2 Welding Inspector if he has qualifications for both these?</p>	<p>Yes, please ensure that the CVs and qualifications are separate and submitted under their respective disciplines</p>
<p>Q.1 What is the Difference between Electromagnetic testing (ET) and Eddy Current testing (EC) mentioned in package B,D&E bill of quantity SECTION A-NDT METHODS? Please explain as ET has three techniques one of them is ECT! see below table for example</p> <p>Q.2 Some methods have been mentioned in the Bill of Quantity (BoQ) but there is no mention for them in the Scope of work (SOW), shall we still bill them, or we just have to follow the SOW? (e.g. Under the SOW for PACKAGE A, B, C, D, E & F there is no mentions of Magnetic Tomography Method where it has been mentioned in the BOQ SECTION B-SPECIALISED METHODS)</p> <p>Q.3 The BoQ for PACKAGE F does not include the NDT method mentioned in the</p>	<p>Eddy Current Testing.- A probe with electromagnetic coils is moved along the pipeline, inducing eddy currents (circulating currents) within the pipe. These eddy currents are then monitored by measuring the probe's electrical impedance.</p> <p>Electromagnetic Testing (ET).-Uses electromagnetic fields and currents to analyze materials and detect anomalies. It detect:A wide range of defects, including cracks, corrosion, and material changes. Non-Contact</p> <p>The methods that are mentioned in the Bill of Quantity are the ones required for this bid</p> <p>The Scope of work- Ref 1.1.4 requires the Service Provider to Perform tests and record findings ,All test mentioned in the BOQ including Magnetic Tomography Method</p> <p>Only methods mentioned in the BOQ are required for this package</p>

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SOW for PACKAGE F, how are we going to bill this section?

Q.4

There is no BoQ for PACKAGE A&G, how are we going to bill this section as it has SOW?

Q.5

What are Subcontracting requirements? are we allowed to put the letter of intent to say we will subcontract after award?

Q.6

There are several types/techniques for INFRAREDS AND LASER testing mentioned in some BOQs (e.g. PACKAGE E BoQ, SECTION B-SPECIALISED METHODS) which technique is required for these sections?! see below table for example

Q.7

Please explain why there is an "NA" (not applicable) in front of the title (T2.2.2. PROPOSED SUBCONTRACTORS- N/A), does that mean we do not have to declare proposed subcontractors nor the percentage of work to be completed by them?

Q.8

There are several special NDT methods included in some of the BoQs & SOWs, but it was not included in the returnable (Disqualifiable and Non-disqualifiable), if the intention is to subcontract one of these method do we still have to include it in form (T2.2.2. PROPOSED SUBCONTRACTORS- N/A) e.g.

I. Acoustic Emission testing (AET) Leak detection using CCTV.

BOQ's A-H attached as Annexures on e-tenders portal

Subcontracting is at the bidder's discretion. If a bidder chooses to subcontract any part of the work, they remain fully responsible for the delivery and quality of the entire project.

For **pipeline leak detection, Infrared Laser** detect the leaks through the use of pointing a laser beam towards the suspected leak.

There is no requirements imposed by Rand Water for subcontracting

Only methods that are mentioned in the BOQ will be regarded and should be priced

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II. Guided Wave.

III. Infrared and Laser tests.

IV. Magnetic Tomography Method.

V. Laser Testing.

Q.9

Q.9- In PACKAGE A, B, C, D, & E under SECTION A-NDT METHODS the Acoustic Emission testing (AET) was quantified per butt and fillet weld, as per our understanding this Methode is used for leak location and characterization along the pipeline, can you please clarify what is the intend for using this technique for rand water so we can bill accordingly).

Acoustic Emission (AE) testing can be used to inspect both butt welds and fillet welds, offering a non-destructive method to identify defects and assess weld quality. AE detects stress waves released by a material under stress, including during welding, which can reveal the presence of defects like cracks or porosity.