

	BID CLARIFICATION	Form No: RW SCM 00041 F Revision: 03 Effective Date: 31 Jan 2023
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Bid Number **RW10394588/25RR**
Clarification Number **02**

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Date: 05 May 2025

BID NUMBER RW10394588/25RR

BID DESCRIPTION:

ACQUISITION OF A SAAS HYDRAULIC MODELLING & SURGE ANALYSIS TOOL INCLUDING SUPPORT & MAINTENANCE FOR A DURATION OF 12 MONTHS

The pages referenced are the pages of the **RW10394588/25RR** bid document. **BID DESCRIPTION: ACQUISITION OF A SAAS HYDRAULIC MODELLING & SURGE ANALYSIS TOOL INCLUDING SUPPORT & MAINTENANCE FOR A DURATION OF 12 MONTHS**

This clarification consists of 02 statements in the following pages.

SIGNATURES

Buyer Name :

Sourcing Manager Name:

Sign :

Sign :

Supply Chain Manager Name :

Sign :

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QUERIES	RAND WATER RESPONSE
Please kindly see below questions of clarity related to RW10394588-25RR 1. To meet the tender requirements, we will need to supply multiple software applications. We would like to understand Rand Water's priorities of outcomes so that we may suggest the correct applications 2. We do not offer Hydraulic Modelling & Surge Analysis Tool as SAAS – would this be considered? 3. The system must also support 3D/4D model generation and predictive maintenance to enhance	1. Rand Water's priorities are comprehensively outlined in Annexure A: SaaS Hydraulic Modelling and Surge Analysis Tool with Digital Twin Capabilities. Bidders must review Annexure A in its entirety when proposing their hydraulic modelling and analysis, surge analysis, and water infrastructure digital twin software solutions, including the associated viewer. All proposed solutions must fully align with the functional requirements specified in Annexure A. Value-adding add-ons or extensions developed by bidders, provided they complement the proposed solutions and align with the required system architecture, may be considered at Rand Water's discretion. Refer to the summarized exclusions under C3.2 Scope of Work and Clarification Number 01, Response to Question 2.7. 2. The bidder should refer to Table C3.2.2: Required SaaS Software Solutions and the Viewer and tell Rand Water whether the proposed solution will be deployed on Cloud or premises, and item number 1.2.1 in Annexure C2.2: Pricing schedule/bill of quantities (BoQ) – SaaS Hydraulic Modelling and Surge Analysis Tool with Digital Twin Capabilities 3. The 3D/4D requirement entails the geospatial visualization of hydraulic

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asset management, improve system visualization, and enable effective energy optimization. Can we have some clarification on 3D/4D requirements? 4. We do not model within AutoCad, we can import AutoCad. Would this be accepted?	models and their associated operational data, allowing users to interact with a digital twin in spatial (3D). Adding the fourth dimension, time, enabling users to visualize how that infrastructure changes, behaves, or evolves over time. 4. Refer to <i>Annexure A: SaaS Hydraulic Modelling and Surge Analysis Tool with Digital Twin Capabilities</i>, where each bidder is required to respond to all specified functionalities by indicating their level of compliance and providing a self-assigned score accordingly. If the software does not perform modelling within AutoCAD but supports the import of AutoCAD files for modelling purposes, this must be clearly stated in column six and appropriately scored in the bidder's score column. The self-assigned scores should then be summed in the last row. Additionally, due diligence will be conducted on the capabilities of the recommended software solutions at the bidder's preferred client site using the bidder's self-scored Annexure A. In cases where there is a discrepancy between the score obtained from the Annexure A submission and the due diligence score, the due diligence score will be adopted as the final score.
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