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City of Johannesburg

Johannesburg Water SOC Ltd

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Newtown
Johannesburg

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REQUEST FOR INFORMATION

RFI NUMBER:	JW RFI 007/2024 AS	CLOSING DATE:	19 August 2024
DESCRIPTION:	TO SUPPLY, INSTALL AND CONFIGURE x86 SERVERS WITH A THIRTY-SIX (36) MONTHS MAINTENANCE AND SUPPORT CONTRACT.		
ISSUE DATE	13 August 2024		

ENQUIRIES MAY BE DIRECTED TO:

Bidding procedure enquiries <u>must</u> be sent to		Technical enquiries must be directed to	
CONTACT PERSON	Amanda Mnisi	CONTACT PERSON	Ricky Chauke
TELEPHONE NUMBER	011 688 1763	TELEPHONE NUMBER	011 688 1478
E-MAIL ADDRESS (Submissions must be made to this address)	amanda.mnisi@jwater.co.za	E-MAIL ADDRESS	ricky.chauke@jwater.co.za

SUPPLIER INFORMATION

NAME OF BIDDER			
STREET ADDRESS			
TELEPHONE NUMBER	CODE		NUMBER
CELLPHONE NUMBER			
E-MAIL ADDRESS			
VAT REGISTRATION NUMBER			
CENTRAL SUPPLIER DATABASE No:			
MANUFACTURER OR THIRD PARTY			

Directors:

Ms Gugulethu Phakathi (Chairperson), Mr Ntshavheni Mukwevho (Managing Director and Executive Director),
Mr Johan Koekemoer (Financial Director and Executive Director), Mr Phetole Modika, Mr Siphamandla Mnyani, Mr Siyabonga Mthembu, Mrs
Zandile Meeleso, Mr Pholoso Matjele, Mr Kgaile Mogoye, Mr Molate Mashifane, Ms Pamela Mabece, Mr Lunga Bernard

Ms Kethabile Mabe (Company Secretary),

Johannesburg Water SOC Ltd

Registration Number: 2000/029271/30

1. PURPOSE OF THE REQUEST FOR INFORMATION

The RFI response proposals is enquired to assist the organisation with business decision making purposes for an upcoming thirty-six (36) months Request for Tender with regards to budget, cost effectiveness, risk assessment, specific goals to include in the tender, award and allocation strategy to incorporate, firm or non-firm prices, pricing schedule and special conditions of tender.

2. BACKGROUND

Johannesburg Water operates several data servers and storage devices to host its systems and applications. There are in the region of 20 physical data servers, 80 virtual servers, 3 storage devices and 2 backup devices in the IT data centre at Head Office and at the Disaster Recovery (DR) site.

IT department last bought the servers in 2014 and now they have reached end of life as per the OEM speciation's. Johannesburg Water seeks to replace these servers with a faster, newer technology that can provide high availability to the applications.

3. SCOPE OF WORK AND SPECIFICATIONS

Scope of Work

- a) Supply, install and configure two (2) Oracle PCA or equivalent appliances as per specification,
- b) Provide Support and Maintenance for a period of 36 months, and
- c) Provide Professional services as and when required during the contract.

Specification and Bill of Material (BOM)

1. Hyper Converged Infrastructure Rack 1

Infrastructure Description	Size
CPU Intel Gold (3.0 GHz minimum)	128 cores
CPU Intel Silver (2.0 GHz minimum)	128 cores
Solid State Disk (NVMe)	100 TB
SAS 10K RPM	200 TB
SATA/SAS 7200 RPM	200 TB
RAM	2 TB
Internal Network	40 Gb/s minimum backbone transfer speed
Replication Software	Asynchronous up to 30km
Management Software	Monitoring, Virtualisation, Configuration and Capacity Reporting
Virtualisation Software	Support for Virtual Machines and Bare Metal
OS Support minimum	Windows Server

	Oracle Linux Ubuntu Linux Redhat Linux
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2. Hyper Converged Infrastructure Rack 2

Infrastructure Description	Size
CPU Intel Silver (2.0 GHz minimum)	256 cores
Solid State Disk (NVMe)	50 TB
SAS 10K RPM	250 TB
SATA/SAS 7200 RPM	200 TB
RAM	2 TB
Internal Network	40 Gb/s minimum backbone transfer speed
Replication Software	Asynchronous up to 30km
Management Software	Monitoring, Virtualisation, Configuration and Capacity Reporting
Virtualisation Software	Support for Virtual Machines and Bare Metal
OS Support minimum	Windows Server Oracle Linux Ubuntu Linux Redhat Linux

3. Rack Mountable Server

Infrastructure Description	Total
CPU Intel Silver (2.0 GHz minimum)	16 cores
SAS 10K RPM Internal Storage	512 GB
RAM	32 GB
OS Support minimum	Windows Server Oracle Linux Ubuntu Linux Redhat Linux

4. Location and Delivery:

Johannesburg Water Head Office, 65 Ntengi Piliso Street, Newtown and operational sites as per the specification.



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4. PRICE SCHEDULE

Tender prices must include all transport, Labour, and any other costs.

PRICING SCHEDULE

SCHEDULE A - SERVERS PRICING (ONCE OFF)

Item	Description	Quantity	Unit Price	TOTAL Price (Excl. Vat)
1.	Hyper Converged Infrastructure Rack 1 as per specification	1		
2.	Hyper Converged Infrastructure Rack 2 as per specification	1		
3.	Rack Mountable Server	6		
4.	Total (Vat Excl.)	-	-	



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SCHEDULE B - INSTALLATION AND MAINTENANCE PRICING

Item	Configuration Specification	Year 1	Year 2	Year 3	Total (Excl. Vat)
2.1	Complete Installation and Configuration Services of servers' hardware and software including management, virtualisation setup to ensure a working solution. (Once Off) only applicable for year 1		-	-	
2.2	Provide Maintenance and Support for all servers above				
2.3	Total (Vat Excl.)				



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SUMMARY OF CONTRACT TOTALS

#	Schedule	Total Amount
1	SCHEDULE A – SERVERS PRICING	
2	SCHEDULE B – INSTALLATION AND MAINTENANCE PRICING	
3	Subtotal (excl. VAT)	
4	Value Added Tax (15%)	
5	BID TOTAL (incl. VAT)	



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INFORMATION FOR SPECIFIC GOALS ANALYSIS	
BUSINESS OWNED BY 51% OR MORE -BLACK PEOPLE	
1. Percentage (%) of Black Ownership	
2. Is Black Ownership 51% or more? (Yes or No)	
BUSINESS OWNED BY 51% OR MORE – BLACK YOUTH	
1. Percentage (%) of Ownership by Black Youth	
2. Is the percentage of Black Youth Ownership 51 % or more? (Yes or No)	
BUSINESS OWNED BY 51% OR MORE-WOMEN	
1. Percentage (%) of Ownership by People who are Women	
2. Is the percentage of People who are Women 51 % or more? (Yes or No)	
BUSINESSES LOCATED WITHIN THE BOUNDARIES OF A REGION IN COJ, COJ MUNICIPALITY OR IN GAUTENG PROVINCE	
1. Is your business located in the Gauteng Province? (Yes or No)	
2. Is your business located in the COJ Municipality? (Yes or No)	
3. Is your business located within the region of the COJ? (Yes or No)	
BUSINESS OWNED BY 51% OR MORE - BLACK PEOPLE WHO ARE MILITARY VETERANS	
1. Percentage (%) of Ownership by Black People Who Are Military Veterans	
2. Is the percentage of Ownership by Black People Who Are Military Veterans 51% or more? (Yes or No)	
BUSINESS OWNED BY 51% OR MORE-BLACK PEOPLE WITH DISABILITIES	
1. Percentage (%) of Ownership by Black People With Disabilities	
2. Is the percentage of Ownership by Black People with Disabilities 51% or more? (Yes or No)	
SMME (AN EME OR QSE) OWNED BY 51% OR MORE - BLACK PEOPLE	
1. What is the Enterprise Type? EME – turnover is less than R10m QSE – Turnover between R10m and R50m Generic – Turnover is R50M of more	
JOINT VENTURE (JV), CONSORTIUM OR EQUIVALENT	
1. What is the percentage (%) of ownership for each party?	
SUBCONTRACTING WITH COMPANIES AT LEAST 51% OWNED BY HISTORICALLY DISADVANTAGED INDIVIDUAL (HDI) GROUPS MENTIONED ABOVE	



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1. What is the percentage (%) that will be sub-contracted to companies that are at least 51% owned by Historically Disadvantaged Individual (HDI) groups mentioned above?	
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