

Request for Quotation (RFQ) for the supply of OpenStack Cloud Hardware to the CSIR

Date of issue	26/02/2021
Closing Date and Time	12/03/2021 @ 16H30
RFQ Number	9288/12/03/2021
Contact details	For submission of quotations or any other enquiries: tender@csir.co.za
CSIR Business hours	08h00-16h30

1 INVITATION FOR QUOTATION

Quotations are hereby invited for the supply of OpenStack Cloud Hardware to the CSIR.

2 QUOTATION REQUIREMENTS

All hardware to be supplied with a three-year next business day warranty.

An itemized quote indicating the specification and costs of individual components below, must be provided. CSIR reserves the right to select none or some of the components (including VM Host sleds and sled chassis) below:

Component	Quantity	Specifications
<i>Ansible Control Host</i>	1	1U Chassis 1x Xeon Silver 4210R 8x 16GB RDIMM 2x 480GB SATA SSD, HW RAID-1 2x 25G Ethernet 2x 10G Ethernet, SFP+ Remote terminal access via LAN Dual Redundant PSUs Rack Rail Kit

<i>OpenStack Controller</i>	3	1U Chassis 2x Xeon Silver 4210R 12x 32GB RDIMM 2x 480GB SATA SSD, HW RAID-1 2x 1TB NVME, HW RAID-1 2x 25G Ethernet 2x 10G Ethernet, SFP+ Remote terminal access via LAN Dual Redundant PSUs Rack Rail Kit
<i>OpenStack Monitoring</i>	1	1U Chassis 2x Xeon Silver 4210R 16x 16GB RDIMM 2x 480GB SATA SSD, HW RAID-1 2x 960GB SATA SSD, HW RAID-1 4x 4TB HDD, HW RAID-5 2x 10G Ethernet, SFP+ Remote terminal access via LAN Dual Redundant PSUs Rack Rail Kit
<i>Sled Chassis</i>	4	2U Chassis Support 4 server sleds Dual Redundant PSUs Rack Rail Kit
<i>Sled for the provided chassis</i>	16	2x Xeon Gold 6240R 12x 32GB RDIMM 2x 480GB SATA SSD, HW RAID-1 1x 1.9TB SATA SSD 2x 25G Ethernet 2x 10G Ethernet, SFP+ Remote terminal access via LAN
<i>Ceph Storage – HDD</i>	6	2U Chassis 2x Xeon Silver 4214R 12x 16GB RDIMM 2x 480GB SATA SSD, HW RAID-1 2x 3.2TB NVME, for Ceph Bluestore blockdb 22x 12TB HDDs, for Ceph Bluestore OSDs 4x 25G Ethernet 2x 10G Ethernet, SFP+ Remote terminal access via LAN Dual Redundant PSUs Rack Rail Kit

Ceph Storage – SSD	4	2U Chassis 2x Xeon Silver 4208 12x 16GB RDIMM 2x 480GB SATA SSD, HW RAID-1 12x 3.8TB SATA SSD for Ceph Bluestore OSDs 4x 25G Ethernet 2x 10G Ethernet, SFP+ Remote terminal access via LAN Dual Redundant PSUs Rack Rail Kit
Mellanox MSN3700-CS2RC	2	Cumulus Linux Rack Rail Kit
Edge-core AS4610-54T	1	Cumulus Linux Rack mounting kit
KVM	1	1U KVM with integrated 8 port switch Rack mounting kit 8 x KVM cables
Network cable	8	Mellanox MCP1600-C 3m QSFP28 DAC
Network cable	20	Mellanox MCP7F00-A 3m QSFP28 to SFP28 splitter DAC
Network Cable	8	Mellanox MC2609130 3m QSFP+ to SFP+ splitter DAC
Network Cable	33	3m RJ45 Cat 5e Network Cable
Network equipment	2	Mellanox MMA1B00-C100D Transceiver
Network Equipment	2	Arista 10GBASE-SR SFP+ Transceiver
Rack Misc	4	1U Brush Panel
Rack Misc	1	1U Blanking Panel

2.1 Equipment rack layout

42	AS4610
41	Brush
40	Blank
39	Brush
38	SN3700C
37	Brush
36	SN3700C
35	Brush
34	Ansible
33	Monitoring
32	Controller 03
31	Controller 02
30	Controller 01
29	VM Host
28	13/14/15/16
27	VM Host
26	09/10/11/12
25	VM Host
24	05/06/07/08
23	VM Host
22	01/02/03/04
21	KVM
20	CEPH SSD 04
19	
18	CEPH SSD 03
17	
16	CEPH SSD 02
15	
14	CEPH SSD 01
13	
12	CEPH HDD 06
11	
10	CEPH HDD 05
9	

8	CEPH HDD 04
7	
6	CEPH HDD 03
5	
4	CEPH HDD 02
3	
2	CEPH HDD 01
1	

2.2 Delivery requirements

2.2.1 **The supplier should indicate on their quotation the lead time to deliver hardware upon issuance of the purchase order.**

2.2.2 **The hardware must be delivered to this address:**

CSIR Main Campus
 Building 9, Meiring Naude Road
 Pretoria
 0184

3 EVALUATION CRITERIA

- 3.1 Suppliers who do not submit a detailed Bill of Material (**BOM**) with pricing will not be evaluated. Pricing must be provided for each line item.
- 3.2 Suppliers that submit quotes late will not be evaluated.
- 3.3 Suppliers that submit incorrect email address will not be evaluated.
- 3.4 Suppliers who do not submit a completed SBD 1 form will not be evaluated.
- 3.5 Suppliers who do not submit a completed Declaration by Tenderer form will not be evaluated.
- 3.6 Only suppliers that quote as per specification will be evaluated.
- 3.7 Selection of suppliers will be based on the 80/20 preference point system.
- 3.8 Indicate CSD number (National Treasury Central Supplier Database) on quotation. If not registered yet on CSD, use www.csd.gov.za to register.
- 3.9 No order will be issued or no contract will be signed without a valid CSD number.

4 PRICING QUOTATION

- 4.1 Price needs to be provided in South African Rand (excl. VAT), with details on price elements that are subject to escalation and exchange rate fluctuations clearly indicated. The price quoted should be VAT inclusive in the case of the VAT registered service providers.
- 4.2 Price should include additional cost elements such as freight, insurance until acceptance, duty where applicable, etc.
- 4.3 Payment will be according to the CSIR Payment Terms and Conditions.

5 OTHER TERMS AND CONDITIONS

- 5.1 The supplier shall under no circumstances offer, promise or make any gift, payment, loan, reward, inducement, benefit or other advantage, which may be construed as being made to solicit any favour, to any CSIR employee or its representatives. Such an act shall constitute a material breach of the Agreement and the CSIR shall be entitled to terminate the Agreement forthwith, without prejudice to any of its rights.
- 5.2 A validity period of 90 days will apply to all quotations except where indicated differently on the quote.

6 SUBMISSION REQUIREMENTS

The following documents must be submitted with the quotation:

1. Detailed pricing.
2. Provide a valid certified copy of the B-BBEE Certificate issued by an accredited verification agency and bearing a SANAS logo; **or** Valid sworn affidavits made on DTIC designed templates; **or** DTIC issued sworn affidavit; **or** CIPC issued B-BBEE certificate.
3. Completed SBD 1 Form.
4. Completed declaration by tenderer form.

7 PROCEDURE FOR SUBMISSION OF QUOTATIONS

1. All quotations must be submitted electronically to: tender@csir.co.za
2. Respondents must use the RFQ number as the subject reference number when submitting their bids.

3. The email and file sizes should not exceed a total of 30mb per email.

8 ADDITIONAL TERMS AND CONDITIONS

- 8.1 A tenderer shall not assume that information and/or documents supplied to CSIR, at any time prior to this request, are still available to CSIR, and shall consequently not make any reference to such information document in its response to this request.
- 8.2 Copies of any affiliations, memberships and/or accreditations that support your submission must be included in the tender.
- 8.3 An omission to disclose material information, a factual inaccuracy, and/or a misrepresentation of fact may result in the disqualification of a tender, or cancellation of any subsequent contract.
- 8.4 Failure to comply with any of the terms and conditions as set out in this document will invalidate the Quotation.
- 8.5 The supplier shall under no circumstances offer, promise or make any gift, payment, loan, reward, inducement, benefit or other advantage, which may be construed as being made to solicit any favour, to any CSIR employee or its representatives. Such an act shall constitute a material breach of the Agreement and the CSIR shall be entitled to terminate the Agreement forthwith, without prejudice to any of its rights.
- 8.6 A validity period of 90 days will apply to all quotations.

9 No goods and/or services should be delivered to the CSIR without an official CSIR Purchase order. The CSIR purchase order number must be quoted on the invoice. Invoices without CSIR purchase order numbers will be returned to supplier.

10 Note: This is not a Purchase Order.

11 CSIR RESERVES THE RIGHT TO

- 11.1 Extend the closing date;
- 11.2 Verify any information submitted by the bidder;
- 11.3 Request documentary proof regarding any tendering issue
- 11.4 Appoint one or more service providers, separately or jointly (whether they submitted or not a joint proposal);
- 11.5 Award this RFQ as a whole or in part to a single supplier or multiple suppliers; and
- 11.6 Cancel or withdraw this RFQ as a whole or in part.

12 DISCLAIMER

This RFQ is a request for quotations only and not an offer document. Answers to this RFQ must not be construed as acceptance of an offer or imply the existence of a contract between the parties. By submission of its quotation, tenderers shall be deemed to have satisfied themselves with and to have accepted all Terms & Conditions of this RFQ. The CSIR makes no representation, warranty, assurance, guarantee or endorsements to tenderer concerning the RFQ, whether with regard to its accuracy, completeness or otherwise and the CSIR shall have no liability towards the tenderer or any other party in connection therewith.

13 A validity period of 90 days will apply to all quotations except where indicated differently on the quote.

14 No goods and/or services should be delivered to the CSIR without an official CSIR Purchase order. CSIR purchase order number must be quoted on the invoice. Invoices without CSIR purchase order numbers will be returned to supplier.

15 Note: This is not a Purchase Order.

16 DECLARATION BY TENDERER

Only tenderers who completed the declaration below will be considered for evaluation.

RFQ No: 9288/12/03/2021.

I hereby undertake to render services described in the attached tendering documents to CSIR in accordance with the requirements and task directives / quotation specifications stipulated in RFQ No. **9288/12/03/2021** at the price/s quoted. My offer/s remains binding upon me and open for acceptance by the CSIR during the validity period indicated and calculated from the closing date of the quotation.

I confirm that I am satisfied with regards to the correctness and validity of my quotation; that the price(s) and rate(s) quoted cover all the services specified in the quotation documents; that the price(s) and rate(s) cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk.

I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me under this RFQ as the principal liable for the due fulfilment of this RFQ process.

I declare that I have no participation in any collusive practices with any tenderer or any other person regarding this or any other RFQ proposal.

I accept that the CSIR may take appropriate actions, deemed necessary, should there be a conflict of interest or if this declaration proves to be false.

I confirm that I am duly authorised to sign this proposal.

NAME (PRINT)

CAPACITY

RFQ 9288/12/03/2021

This is not a Purchase Order.

WITNESSES

1

2

DATE:

SIGNATURE

NAME OF FIRM

DATE

ANNEXURE A – SBD 1 FORM

The completed form must be submitted with the quotation

--- END OF RFQ ---