



The supply of a Graphics Processing Unit (GPU) to the CSIR

Request for Quotation (RFQ) No: 5665/24/02/2021

Date of issue	Wednesday, 10 February 2021
Closing Date and Time	Wednesday, 24 February 2021 at 16:30
RFQ Number	5665/24/02/2021
Contact details	For submission of quotations or any other enquiries: tender@csir.co.za

1 INVITATION FOR QUOTATION

Quotations are hereby invited for the supply of Graphics processing unit (GPU) to the CSIR.

2 QUOTATION REQUIREMENTS

2.1 Functional specifications:

- Data science workflow models
- Container based solutions
- Shared computing resources
- Advanced AI model training

2.2 Hardware specification - Integrated system configured with minimum:

- 10,000+ Core GPU with 300+ Tensor cores, 30+ Tflops FP32, and 48 GB on board memory
- 2nd Gen Intel Xeon 12-Core, 24 Thread, 2.7+ GHz, 19+ MB Cache CPU, TDP <130W
- 128 GB RAM, scalable to 1.5 TB
- 2 x 1 TB M.2 NVMe high speed storage
- 2 x 2.5+ TB HDD storage, scalable to 6 SATA drives

- SATA3 with RAID 0, 1, 5 & 10, 6 hot-swap 2.5" SAS/SATA bays
- 2 x RJ45 network ports, 10GBASE-T
- 1 x RJ45 IPMI LAN port
- System cooling: Detail how appropriate cooling for above configuration will be achieved
- Can be scaled up with more GPUs
- IPMI v2 with KVM-over-LAN support
- System available in standalone and rack versions
- 3 Year parts & labour, 1 year limited warranty
- Delivery in Gauteng is required - with minimal impact on turn-around times.

2.3 The bidder must be an authorised OEM distributor/reseller/partner.

2.4 Proof thereof must be attached to the quotation.

2.5 Minimum of five years' experience in the supply of (GPUs)

2.6 References for previous track record of the product

3 EVALUATION CRITERIA

3.1 Selection of suppliers will be based on the 80/20 preference point system.

3.2 Indicate CSD number (National Treasury Central Supplier Database) on quotation. If not registered yet on CSD, use www.csd.gov.za to register.

3.3 No order will be issued or no contract will be signed without a valid CSD number.

- Provide valid original or certified copy of the B-BBEE Certificate issued by an accredited verification agency and bearing a SANAS logo; or
- Valid sworn affidavits made on dti designed templates; or
- dti issued sworn affidavit; or
- CIPC issued B-BBEE certificate.

3.4 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.

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 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.

7 Note: This is not a Purchase Order.

8 DECLARATION BY TENDERER

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

RFQ No: 5665/24/02/2021

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. 5665/24/02/2021** 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
SIGNATURE
NAME OF FIRM
DATE

WITNESSES
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DATE: