



Re-Advertisement
Request for Quotation (RFQ) for the supply of laser power supply to the CSIR

RFQ No: 5476.1/30/08/2019

Date of issue	Friday, 16/08/2019
Closing Date and Time	Friday, 30/08/2019 at 16h30
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 Laser diode power supplies

- 1.1. 15 000W DC (up to 200V at 60A minimum)
Quantity: 2

2 QUOTATION REQUIREMENTS

Each of the above power supplies should meet the requirements below

SPECIFICATIONS
DC power supplies suitable for laser diodes (datasheet must state applicable to lasers)
Minimum DC output : 0-200V / 0-60A
Front panel digital display of both voltage and current settings
Font panel current and voltage limit settings
Overload and short circuit protection
Transient suppression of output and reverse voltage protection (as required for Laser diodes power supplies)

Efficiency: $\geq 95\%$ (low heat dissipation)
Constant voltage and constant current operation modes
Pulsed output via external analogue or digital programming input options
Front panel manual direct continuous adjustment of current and voltage output (turn knobs)
Noise and Ripple in constant current mode: $\leq 200\text{mA}$ for 15kW and
External interlock input: If contact terminals are interrupted then output will shut down
Indication of interlock condition on the front panel (LED)
Capable of master /Slave operation
Air cooling of power supply
3 phase AC input
Quote on base model plus add-ons separately (Serial, ethernet, analog, digital, master/slave)

Together with the quotation, further documents/information must be supplied

- Quote must be accompanied with a Datasheet
- Supplier must be the original Equipment manufacturer (OEM) or authorized distributor/agent of the OEM (Please provide appointment letter or certificate)
- Lead times must be specified
- Level of after sales service, maintenance and technical support
- Any missing documentation will disqualify the supplier.

3 EVALUATION CRITERIA

- 3.1 Selection of suppliers will be based on the 80/20 preference point system.
- 3.2 Indicate valid B-BBEE status on quotation. No B-BBEE status will equal zero points.
- 3.3 Indicate CSD number (National Treasury Central Supplier Database) on quotation. If not registered yet on CSD, use www.csd.gov.za to register.
- 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.