



***Request for Quotation (RFQ)***  
***for the supply, delivery, installation and commissioning of***  
***Convion EVO6 Walk-In Growth Room in 3-tier configuration, with***  
***controllable climate, tuneable LED lights and remote monitoring***  
***and control to the CSIR in Pretoria***

Date of issue:	Monday, 03 October 2022
Last day for submission of queries	Monday, 10 October 2022
Closing Date and Time:	Monday, 17 October 2022 @ 16:30
RFQ Number	9390/17/10/2022
Contact details	For submission of quotations or any other enquiries: <a href="mailto:tender@csir.co.za">tender@csir.co.za</a>
Category	Equipment

## 1 INVITATION FOR QUOTATION

Quotations are hereby invited for the supply, delivery, installation and commissioning of **Convion EVO6 Walk-In Growth Room** in 3-tier configuration, with controllable climate, tuneable LED lights and remote monitoring and control.

## 2 QUOTATION REQUIREMENTS

### Unit specifications

- CMP6060 controller. v6 or later
- Exterior Dimensions (W x D x H) 3530mm x 4700mm x 2785mm
- Growth area of 20.1 m<sup>2</sup> on 18 shelves
- Growth module: 6 Free standing shelving units each with three shelves per unit measuring 1220mm Wide and 915mm Deep. Each module to have fixed LED lighting from the shelf above.
- Allow a growth height of approximately 495mm.
- Shelves must be adjustable in height with increments of 25mm
- Three Tiers

- Temperature control range: +10 deg C to +35 deg C lights off and +15 deg C to +35 deg C lights on with control of +/- 0.5 deg C
- Observation window in door
- Control panel mounted on left of front wall.
- A hose bib installed inside the chamber
- Convenience receptacle installed in growth area

**The following options must be included**

- UPS for control system
- High Lighting option with intensity over each growth area of approximately 500 micromoles/m<sup>2</sup>/sec.
- Broadband lamp spectrum for plant growth
- Fluence LED fixtures with dimming drivers
- Service light with external switch
- High efficiency ballasts
- Quantum light meter
- RAC. Remote Outdoor Air-Cooled condenser -OR- TC60 chiller
- Above ambient Humidity Control
- Bypass Dehumidification
- Dedicated RO system

**Additional requirements (These must be submitted with and indicated in quote):**

- Warranty
- Installation and training by a qualified technician/engineer at the CSIR Pretoria site
- Supplier must be the OEM or an accredited local distributor/reseller with local (South Africa) maintenance support.

**3 EVALUATION CRITERIA**

- 3.1 Selection of suppliers will be based on the 80/20 preference point system.
- 3.2 Submit a valid B-BBEE Certificate (SANAS accredited) or sworn affidavit (CIPC or Dtic template) indicating the B-BBEE Status level. (RSA suppliers only). No B-BBEE certificate / affidavit 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](http://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 ELIMINATION CRITERIA:**

Suppliers will be eliminated under the following conditions:

- 4.1 Late submission of Quotes;
- 4.2 Submission at the incorrect email address- submissions must be made to [tender@csir.co.za](mailto:tender@csir.co.za)
- 4.3 If bidder does not submit quotation on official company letterhead.
- 4.4 Bidders that are listed on the NT database of restricted suppliers will not be considered.
- 4.5 Bidders that are registered on the NT Register of Tender Defaulters will not be considered.
- 4.6 Bidders that do not submit a fully completed and signed SBD 1 and SBD 4 Form will not be considered.

## **5 PRICING QUOTATION**

- 5.1 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.
- 5.2 Price should include additional cost elements such as freight, insurance until acceptance, duty where applicable, etc.
- 5.3 Payment will be according to the CSIR Payment Terms and Conditions.

## **6 OTHER TERMS AND CONDITIONS**

- 6.1 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.
- 6.2 A validity period of 90 days will apply to all quotations except where indicated differently on the quote.

**7 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.**

**8 Note: This is not a Purchase Order.**

**DECLARATION BY TENDERER**

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

**RFQ No: 9390/17/10/2022**

I hereby undertake to render services described in the attached tendering documents to CSIR in accordance with the requirements and task directives / proposal specifications stipulated in **RFQ No 9390/17/10/2022** 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 proposal.

I confirm that I am satisfied with regards to the correctness and validity of my proposal; that the price(s) and rate(s) quoted cover all the services specified in the proposal 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 proposal as the principal liable for the due fulfilment of this proposal.

I declare that I have no participation in any collusive practices with any tenderer or any other person regarding this or any other 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	
1	.....
2	.....
DATE: .....	