

Request for Quotation (RFQ) for the supply of FLEXOPTIX programmable optical transceivers and transceiver programmers to SANReN

Request for Quotation (RFQ) No: 9300/05/07/2021

Date of issue	Monday, 21 June 2021
Closing Date and Time	Monday, 05 July 2021 at 16:30
RFQ Number	9300/05/07/2021
Contact details	For submission of quotations or any other enquiries: tender@csir.co.za <i>(please always quote the RFQ number with your submissions and inquiries)</i>
CSIR Business Hours	08h00 to 16h30, Monday to Friday

1 INVITATION FOR QUOTATION

Quotations are hereby invited for the supply of FLEXOPTIX programmable optical transceivers and transceiver programmers as specified in this RFQ for the South African National Research Network (SANReN).

2 QUOTATION REQUIREMENTS

- 2.1 All quotations must be submitted to: tender@csir.co.za with RFQ number 9300/05/07/2021 as the subject.
- 2.2 The tenderer should indicate an estimated time of delivery of the equipment from the time the official order is placed.
- 2.3 The quotation should be inclusive of delivery to CSIR Main Campus, Building 43, Meiring Naude Ave, Brummeria, Pretoria, 0184.
- 2.4 The quotation must be inclusive of a 1-year replacement warranty.
- 2.5 See next page for full specifications.

ITEM	PART NUMBER	DESCRIPTION	ADDITIONAL INFO	COMPATIBILITY	QTY
40G QSFP+ PLR4	Q.1340G.10	40Gbps Long Range QSFP+ Transceivers	4x λ 1310 nm, MTP/MPO APC, Singlemode, up to 10 km	Unconfigured / self-configuration	60
QSFP – SFP+ 10G Adaptor	Q.PCT	QSFP to SFP+ Adaptor for 10Gbps	QSA adapter, converter module, Multimode, Singlemode	Unconfigured / self-configuration	45
100G QSFP LR4	Q.161HG.10	100Gbps Long Range QSFP28 Transceivers	λ 1296-1310 nm, LC-Duplex, Singlemode, up to 10km	Unconfigured / self-configuration	25
100G QSFP28 LR4 - 20km	Q.161HG.20	100Gbps Long Range QSFP28 Transceivers	λ 1296-1309 nm, LC-Duplex, Singlemode, up to 20km	Unconfigured / self-configuration	6
100G QSFP28 LR4 - 25km	Q.161HG.25.TXO	100Gbps Long Range QSFP28 Transceivers	λ 1296-1309 nm, LC-Duplex, Singlemode, up to 25km	Unconfigured / self-configuration	4
100G QSFP ER	Q.161HG.40	100Gbps Extended Range QSFP Transceivers	λ 1296-1309 nm, LC-Duplex, Singlemode, up to 40km	Unconfigured / self-configuration	4
100G QSFP ZR	Q.161HG.80	100Gbps Best Range QSFP Transceivers	λ 1296-1309 nm, LC-Duplex, Singlemode, up to 80km	Unconfigured / self-configuration	2
100G QSFP28 SR4	Q.851HG.02	100Gbps Short Range QSFP Transceivers	4x λ 850 nm, MTP/MPO, Multimode, up to 100m	Unconfigured / self-configuration	40
40G QSFP+ SR4	Q.8540G.02	40Gbps Short Range QSFP+ Transceivers	4x λ 850 nm, MTP/MPO, Multimode, 100 m	Unconfigured / self-configuration	24
10G SFP+ ZR - 100km	P.1596.A.R	10Gbps ZR Best Range SFP+ Transceivers	λ 1550 nm, LC-Duplex, Singlemode, up to 100km	Unconfigured / self-configuration	9
10G SFP+ ER	P.1596.40	10Gbps Extended Range SFP+ Transceivers	λ 1550 nm, LC-Duplex, Singlemode, up to 40km	Unconfigured / self-configuration	26

10G SFP+ LR - 20km	P.1396.20	10Gbps LR Long Range SFP+ Transceivers	λ1310 nm, LC-Duplex, Singlemode, up to 20km	Unconfigured / self-configuration	25
1000BASE-LH SFP	S.1312.10.D	1Gbps Long Range SFP Transceivers	Singlemode, up to 10km	Unconfigured / self-configuration	50
1000BASE-SX SFP	S.8512.02.D	1Gbps Short Range SFP Transceivers	Multimode, up to 550m	Unconfigured / self-configuration	20
1000BASE-T SFP	T.C12.02.A	1Gbps Copper based SFP Transceiver		Unconfigured / self-configuration	40
10G XFP LR	X.1396.10	10Gbps Long Range XFP Transceivers	λ1310 nm, LC-Duplex, Singlemode, up to 10km	Unconfigured / self-configuration	30
10G XFP ER	X.1596.40	10Gbps Extended Range XFP Transceivers	λ1550 nm, LC-Duplex, Singlemode, up to 40km	Unconfigured / self-configuration	5
10G XFP ZR	X.1596.80	10Gbps Best Range XFP Transceivers	λ1550 nm, LC-Duplex, Singlemode, up to 80km	Unconfigured / self-configuration	2
FLEXBOX Series	FO.FB.V4B-F	Universal Transceivers Configurator	Supported ports: CSFP, SFP, SFP+, XFP, QSFP+, QSFP28, SFP28	Flexoptix	2

3 EVALUATION CRITERIA

- 3.1 Quotations received after the closing date will not be considered.
- 3.2 Submissions received by tenderers who do not submit a signed Declaration by Tenderer form, will not be considered.
- 3.3 Selection of suppliers will be based on the **80/20** preference point system.
- 3.4 Indicate CSD number (National Treasury Central Supplier Database) on quotation. If not registered yet on CSD, use www.csd.gov.za to register. Neither a purchase order will be issued, nor will a contract be signed without a valid CSD number.

- 3.5 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.
- 3.6 **The tenderer must be an authorised FELXOPTIX distributor/reseller. Proof thereof must be attached to the quotation. If a tenderer is just a customer of FELXOPTIX, a letter of support from FLEXOPTIX for the tenderer will also be acceptable.**

4 PRICING QUOTATION

- 4.1 Price needs to be provided in South African Rand (excl. VAT) where applicable, 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.
- 4.4 Clearly indicate VAT charged where applicable (if not VAT registered, please state so clearly).

5 OTHER TERMS AND CONDITIONS

- 5.1 The tenderer 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: 9300/05/07/2021

I hereby undertake to render goods/services described in the attached tendering documents to CSIR in accordance with the requirements and task directives/quotation specifications stipulated in RFQ No. **9300/05/07/2021** 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

1

2

DATE: