

Request for Quotation (RFQ) for the Supply of Torque Transducers to the CSIR Pretoria

RFQ 5893/26/08/2022

Date of issue	12 August 2022
Closing Date and Time	26 August 2022 At 16h30
For submission of quotations	Email tender@csir.co.za <i>(Please use RFQ No. as subject reference)</i>

1 INVITATION FOR QUOTATION

Quotations are hereby invited for the supply of Torque Transducer to the CSIR Pretoria.

2 QUOTATION REQUIREMENTS

Please quote separately for each of the 2 systems specified.

2.1 TVM-500 DRR: Lorenz Torque Transducer (x1)

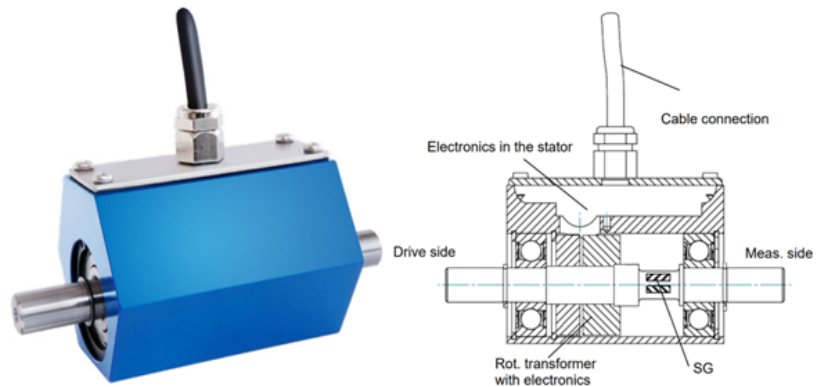


Figure 8.7: DR-2477 non-contact precision torque sensor with a rotary operational principle [25]

Table 8.3: TVM-500 DRR DR-2477 non-contact precision torque sensor specification summary [25]

Model	DR-2477 P (with feather keyway)
Operational Principle	Non-contact Rotary
Nominal Torque range	0 ... ± 5 Nm
Supply voltage range	12...28 VDC
Signal output Range	± 5 V
Mechanical connection	Keyway
Electrical connection	Cable with free strands
Protection class	IP50
Max. Measurement frequency	1 kHz
Specific characteristics	<ul style="list-style-type: none"> • Accuracy class: 0.25% Nominal torque • Maximum operating torque: 150% Nominal torque • Breaking torque: 300% Nominal torque

2.2 TWT DRR: Burster Torque Transducer (x1)

Order Code	5100				
Torque sensor	8661-XXXX-V		1	4	1
Standard sensor	0				
Sensor with dual range 1:10	1				
Sensor with dual range 1:5	2				
Sensor with dual range 1:4	3				
Without angle/speed measurement	0				
Angle measurement 400 increments / Speed measurement	1				
Angle measurement 1024 increments / Speed measurement	2				
Angle measurement 240 increments / Speed measurement	3				
Angle measurement 2000 increments / Speed measurement	4	Speed = 1500 RPM			
Output voltage 0 ... ± 10 V	0				
USB interface LabView DLL required	1				
Output voltage 0 ... ± 5 V	2				
Round shaft ends	0				
Shaft ends with keyway (Keyway to DIN 6885, Bl. 1)	2				

Additional Requirements:

- The supplier must submit quotation on their official company letterhead.
- The supplier must quote on all the items/services exactly as listed in the above BOQ or scope of work.
- The pricing must be firm and inclusive of all costs required to render the required services to the CSIR.

- The quotation must clearly show the breakdown of all costs.
- Delivery is to be made at CSIR Pretoria.

3 EVALUATION CRITERIA

- 3.1 Selection of suppliers will be based on the 80/20 preference point system.
- 3.2 Provide a certified copy of a valid B-BBEE Certificate, or valid sworn affidavit indicating the B-BBEE Status level. B-BBEE certificate must be issued by SANAS accredited agency or a valid sworn affidavit in line with DTIC regulations. (RSA suppliers only).
- 3.3 No B-BBEE status will equal zero points.
- 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.
- 3.5 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:

- Late submission of quotations;
- Submission at wrong location or incorrect email address (***Please submit electronically to tender@csir.co.za***);
- Bidders that are listed on the NT database of restricted suppliers will not be considered.
- Bidders that are registered on the NT Register of Tender Defaulters will not be considered.
- Bidders that do not submit a fully completed and signed SBD 1 and SBD 4 Form will not be considered.

5 PROCEDURE FOR SUBMISSION OF QUOTATIONS

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

- The email and file sizes should not exceed a total of 25mb per email.
- The naming / labelling syntax of files or documents must be short and simple (e.g. BBBEE Certificate).
- Each bidder will be limited to send two emails with their submissions, and the subject of the email must clearly reference the bidder' name and RFQ number – (E.g. RFQ No. 690079/16/05/2022 email 1 of 2)
- All documents submitted electronically via email must be clearly visible.
- Tenders or documents received after the closing date and time will be considered as a late submission. Late submissions will not be evaluated.

6 PRICING QUOTATION

- 6.1 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.
- 6.2 Price should include additional cost elements such as freight, insurance until acceptance, duty where applicable, etc.
- 6.3 Payment will be according to the CSIR Payment Terms and Conditions.

7 OTHER TERMS AND CONDITIONS

- 7.1 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.
- 7.2 A validity period of 90 days will apply to all quotations except where indicated differently on the quote.

8 APPOINTMENT OF SERVICE PROVIDER

- 8.1 The contract will be awarded to the tenderer who scores the highest total number of points during the evaluation process, except where the law permits otherwise.
- 8.2 Appointment as a successful service provider shall be subject to the parties agreeing to mutually acceptable contractual terms and conditions. In the event of the parties failing to reach such agreement CSIR reserves the right to appoint an alternative supplier.
- 8.3 Awarding of contracts will be announced on the National Treasury website and no regret letters will be sent to unsuccessful bidders.

9 ADDITIONAL TERMS AND CONDITIONS

- 9.1 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.
- 9.2 Copies of any affiliations, memberships and/or accreditations that support your submission must be included in the tender.
- 9.3 In case of proposal from a joint venture, the following must be submitted together with the proposal:
 - Joint venture Agreement including split of work signed by both parties;
 - The original or certified copy of the B-BBEE certificate of the joint venture;
 - The Tax Clearance Certificate of each joint venture member;
 - Proof of ownership/shareholder certificates/copies; and
 - Company registration certificates.
- 9.4 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.
- 9.5 Failure to comply with any of the terms and conditions as set out in this document will invalidate the Proposal.

10 CSIR RESERVES THE RIGHT TO

- 10.1 Extend the closing date;
- 10.2 Verify any information contained in a proposal;
- 10.3 Request documentary proof regarding any tendering issue;
- 10.4 Give preference to locally manufactured goods;
- 10.5 Appoint one or more service providers, separately or jointly (whether or not they submitted a joint proposal);
- 10.6 Award this RFQ as a whole or in part;
- 10.7 Cancel or withdraw this RFQ as a whole or in part.

11 DISCLAIMER

This RFQ is a request for quotation 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 proposal, 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

- 12** 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.

13 Note: This is not a Purchase Order.

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

RFQ No: 5893-26-08-2022

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-5893-26-08-2022 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 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 quotation as the principal liable for the due fulfilment of this quotation.

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

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 quotation.

NAME (PRINT)
CAPACITY
SIGNATURE
NAME OF FIRM
DATE

WITNESSES	
1
2
DATE:	