

Request for Quotation (RFQ)

Request for Quotation for the Construction of a Borehole System at CSIR Pretoria Campus

RFQ No. 5931/07/10/2022

Date of issue:	Friday, 23 September 2022
Compulsory briefing session and site inspection	Date: Thursday, 30 September 2022 Venue: CSIR Parking lot Building 35 Time: 10H00 – 11h00
Closing Date and Time	Friday, 07 October 2022
Submission and Contact details:	For submission of quotations or any other enquiries: Email: tender@csir.co.za (<i>Please use RFQ No. as subject reference</i>)

SECTION A: TERMS OF REFERENCE, SCOPE OF WORK, TECHNICAL SPECIFICATION AND FUNCTIONAL REQUIREMENTS

1 INTRODUCTION

The Council for Scientific and Industrial Research (CSIR) is one of the leading African research and technology development organisations. The CSIR's mandate is to undertake directed and multidisciplinary research and technology innovation that contributes to the improvement of the quality of life of South Africans. The CSIR lives and achieves this mandate in partnership with national and international research and technology institutions, parties in the public and private sectors and with civil societies.



2 INVITATION FOR QUOTATION

Proposals are invited from experienced service provider to conduct an inspection on the proposed area of the borehole system and quote for:

1. Excavation works including trust boring
2. Construction of plinth (where the water tanks will be sitting)
3. Construction of a solar pump house (where solar modules will be mounted)
4. Supply and installation of solar pump with battery back-up, HDPE pipes, valves, controllers and chemical dosing system

3 SCOPE OF WORK AND DELIVERABLES

Borehole number 11 is situated behind building 12. The borehole is not equipped with a pump but has a good potential. During the initial pumping test conducted, the borehole stabilized at **27.4m** and an approximate yield of **5kL/hour** was recorded. The intended installations entail a connection of new solar borehole pump to the 40kL tank. The system will supply building 11 & 16 and the control of water flow will be based on water levels (i.e. high set point and low set point) in the tank. If the tank reaches a low water level set point, the solenoid valve should automatically open to allow municipality water flow to the end use point and when the water level passes above the high set point, the solenoid valve should automatically close to disconnect the municipality supply. Figure 2 and 3 depicts the schematic layout of the proposed Borehole make-up to the cooling tower control system and borehole buffer tank & pump control system.

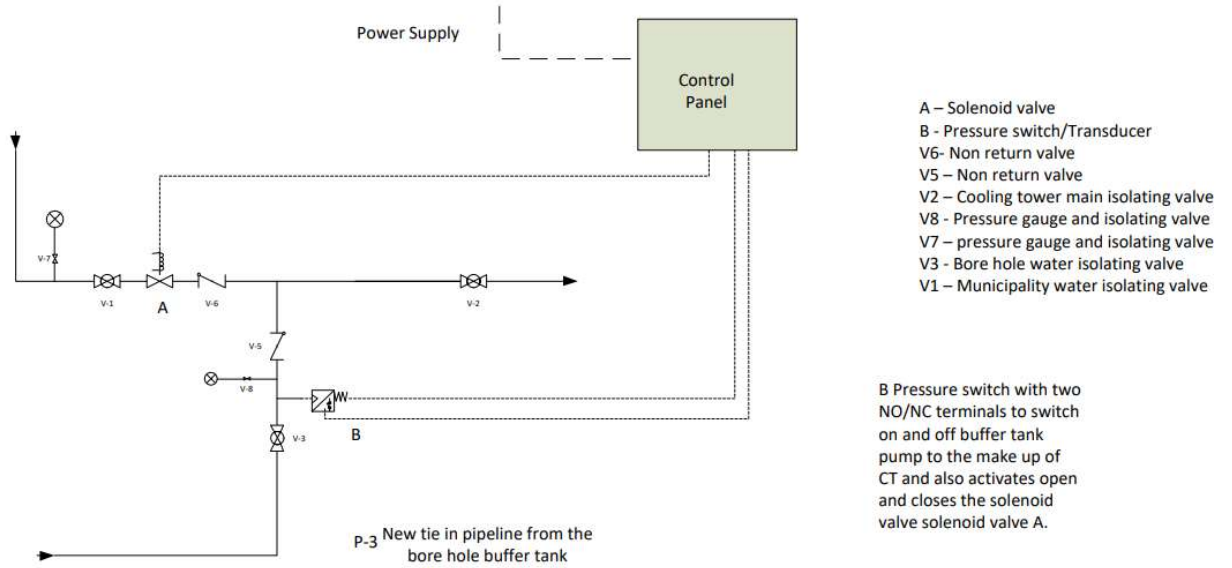
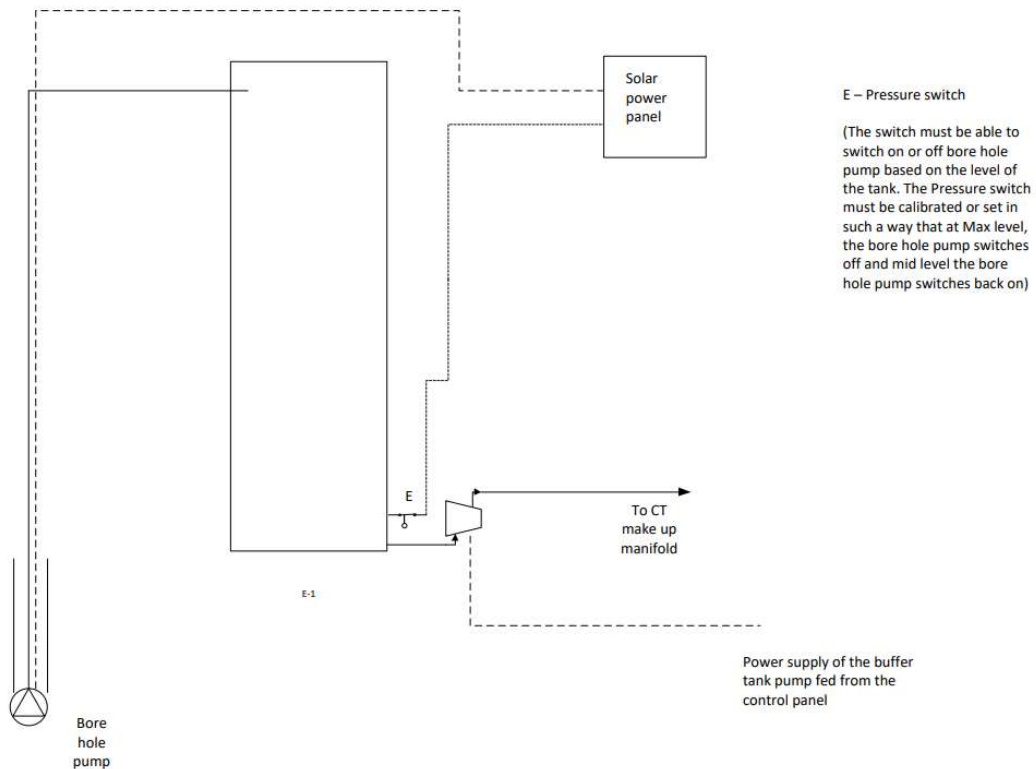


Figure 1: Borehole make-up to cooling tower control system



3.1 Price Schedule

No.	Task Description	Unit	Qty	Cost (ZAR)
1	Excavation and backfilling (Excavate to create a trench for water pipes 400m x 0.300m x 0.500m deep)	m ³	60	
2	Trust boring to insert water pipes (4x crossing roads)	sum	1	
3	Construct a pump house to accommodate a rooftop mounting structure for solar modules of a 5kWp system and electrical controls	sum	1	
4	Construct a plinth to accommodate a water tank of 40 000 Litre (Diameter 3 300 mm Height 4 900 mm)	sum	1	
5	Supply and install solar water pump (2.2kW) with complete modules, wire kit array to control box, control switch, inverter and battery back-up	sum	1	
6	Supply and install HDPE water pipes 400m x 75mm Ø (ID)	sum	1	
7	Supply and install pressure gauge	sum	1	
8	Supply and install HDPE (40kL) water tank	sum	1	
9	Supply and install valves, coupling and accessories	sum	1	
10	Supply and install flowmeter	No	1	
11	Supply and install a chemical dosing system	Item	1	
Sub-Total				
Contingency (10%)				
Travel and logistics (disbursements)				
15% VAT				
Grand Total Including VAT				

Notes to Pricing:

Bidders are to note that if the price offered by the highest scoring bidder is not market related Or their work during vetting stage is found to not be of the required quality standard, CSIR may not award the contract to that bidder. CSIR may:

- negotiate a market-related price with the respondent scoring the highest points or cancel the RFQ.

- if that bidder does not agree to a market-related price, negotiate a market-related price with the bidder scoring the second highest points or cancel the RFQ.
- if the bidder scoring the second highest points does not agree to a market-related price, negotiate a market-related price with the bidder scoring the third highest points or cancel the RFQ.
- If a market-related price is not agreed with the bidder scoring the third highest points, CSIR may cancel the RFQ.

NB: The above cost must be inclusive of all costs required to render the required services as per above scope of work and specifications.

3.2 Additional quotation requirements (These must be submitted with and/or indicated in quote):

- The bidder must submit quotation on their official company letterhead.
- Bidders must quote as per above Bills of Quantities (BOQ)
- Bidders must provide at least five (5) contactable references from 5 different clients for similar projects or scope of work executed in the past seven (7) years.
- Bidders must provide at least five (5) reference letters **or** completion certificates from previous clients to substantiate the list provided.
- Site verification will be arranged with the contractor's references to assess the contractor's workmanship as part of evaluation.
- Sites must be accessible for verification.
- Bidder must provide COC (Certificate of Compliance) upon completion.
- The pricing must be firm and inclusive of all costs required to deliver the required services to the CSIR.

4 MANDATORY DOCUMENTS REQUIRED / RETURNABLES:

Bidders must submit the below-mentioned documents and/or information and confirm compliance thereof:

No.	Description	Please indicate Yes/No
1	Quotation on official company letterhead	
2	Completed BOQ (Annexure A)	
3	Submit completed schedule of bidder's experience and contactable references information- Annexure B, pg. 17.	
4	Submit reference letters or completion certificates to substantiate bidder's experience	
5	Submit a relevant programme	
6	Submit completed and duly signed Invitation to Bid Form- SBD 1	
7	Submit completed and duly signed Invitation to Bid Form- SBD 4	
8	Bidders that do not meet local production and content requirements (bidder must submit a fully completed and signed SBD 6.2 and its Annexure C).	
9	Completed and duly signed Tender's Declaration of Interest Form	
10	Provide proof of CIDB registration	

NB: *Non-submission of the above-mentioned documents as well as any deviation from the above quotation requirements and specifications may deem your submission unresponsive and may thus result in your submission not being considered for Price and BBEE evaluation.*

5 EVALUATION CRITERIA

- 5.1 Selection of suppliers will be based on the 80/20 preference point system.
- 5.2 Submit a valid B-BBEE Certificate (SANAS accredited), CIPC B-BBEE certificate or sworn affidavit indicating the B-BBEE Status level. (RSA suppliers only)
- 5.3 No B-BBEE status will equal zero points. (RSA suppliers only)
- 5.4 Indicate CSD number (National Treasury Central Supplier Database) on quotation. If not registered yet on CSD, use www.csd.gov.za to register.
- 5.5 No order will be issued, or no contract will be signed without a valid CSD number (Only applicable to RSA suppliers).
- 5.6 Elimination Criteria:
Suppliers will be eliminated under the following conditions:

- Bidders that submit late bids will not be considered
- Submission at the incorrect email address- submissions must be made to tender@csir.co.za
- If bidder does not submit quotation on official company letterhead.
- If bidder does not quote according to stipulated specifications and requirements
- If bidder does not price as per BOQ or pricing schedule.
- 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 form
- Bidders that do not submit a fully completed and signed SBD 4.
- Bidders that do not meet local production and content requirements (bidder must submit a fully completed and signed SBD 6.2 and its Annexure C), will not be considered.
- Non-submission of any of the mandatory/returnable documents specified in **section 5** above.

SECTION B: TERMS AND CONDITIONS

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, if applicable.
- 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.

The price should be firm and inclusive of costs and all services required to deliver on the required goods and/or services.

7 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 25 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's name and RFQ number
- All documents submitted electronically via email must be clearly visible.
- Documents submitted via cloud solutions such as: *WeTransfer, Google Drive, Dropbox, etc.* will not be considered.
- Tenders or documents received after the closing date and time will be considered as a late submission. Late submissions will not be evaluated.

NB: NO HARD COPIES OR PHYSICAL SUBMISSIONS WILL BE ACCEPTED

8 BRIEFING SESSION INFORMATION AND PROTOCOL

A compulsory briefing session and/or site inspection will be held under the following details:

Date	Friday, 30 September 2022
Time	10h00- 11h00
Venue	CSIR Pretoria campus, Meiring Naude Street

Please take note of the following Safety Protocols to follow when visiting the CSIR site for the briefing session/site inspection:

a. Prior to site visit

- i) *Only a maximum of two delegates from each company/bidder will be allowed on site.*
- All bidders attending the compulsory briefing session must prior to the visit watch the CSIR Safety and Health video via the following link - <http://streaming.csir.co.za/View.aspx?id=9264~4v~6hmMEM7b> (Please view this video prior to visiting any of the CSIR sites).
- All bidders must watch the COVID-19 Visitors induction video <https://www.youtube.com/watch?v=XD4NDvtO8ck> (Please view this video prior to visiting any of the CSIR sites).
- *Any special requests for Personal Protective Equipment relating to the area to be inspected must be stated upfront*

b. Entrance to a CSIR site

- i) *All bidders/delegates must wear a cloth face mask on entrance and at all times during the site inspection*
- ii) *The Covid-19 self-screening questionnaire must be completed on the morning of entry to the site and a screenshot of the result must be shown to Security.*
- iii) *All delegates will subject to temperature screening at the gates using a non-contact temperature scanner and any person with a temperature of 38 C and above will not be allowed entry*

c. Conduct during site visit

- i) *All Covid-19 precautionary measures as explained in the videos and induction must be obeyed*
- ii) *Masks must be worn for the duration of the visit*
- iii) *Hand-sanitizer will be made available at the entry points to buildings and at the meeting venue*
- iv) *No pens, paper or other stationary will be distributed. Bidders need to bring their own pens, notepads, etc to avoid sharing or passing of items*
- v) *Social distancing of at least 2m must be maintained at all times*
- vi) *Where items for inspection need to handle, sanitizer must be used by the delegate prior to and after handling/touching the item*
- vii) *Depending on the available space at the inspection site, the number of delegates allowed at a specific may be limited to allow for social distancing*
- viii) *No refreshments will be served during the site inspection*
- ix) *Should a delegate not feel well during an inspection they need to immediately alert the host and the Medical Assistance will be contacted for assistance*

9 REQUIREMENTS FOR A VALID BROAD-BASED BLACK ECONOMIC EMPOWERMENT (B-BBEE) CERTIFICATE, CIPC CERTIFICATE AND SWORN AFFIDAVIT

9.1 Only those tenderers who submit a valid SANAS accredited B-BBEE certificate or Sworn Affidavit (dtic or CIPC) will be awarded points for B-BBEE during evaluation.

9.2 The following constitutes a valid **B-BBEE certificate**:

- Name of enterprise as per enterprise registration documents issued by CIPC, and enterprise business address.
- Value-Add Tax number, where applicable.
- The B-BBEE Scorecard against which the certificate is issued, indicating all elements and scores achieved for each element. The actual score achieved must be linked to the total points as per the relevant Codes.
- B-BBEE status with corresponding procurement recognition level.
- The relevant Codes used to issue the B-BBEE Verification Certificate.
- Date of issue and expiry (e.g., 9 June 2018 to 8 June 2019). Where a measured entity was subjected to a re-verification process, due to material change, the B-BBEE Verification Certificate must reflect the initial date of issue, date of re-issue

and the initial date of expiry. Re-verification does not extend the lifespan of the B-BBEE Verification Certificate

- Financial period which was used to issue the B-BBEE Verification Certificate.
- Unique identification number of the B-BBEE verification professional or agency (e.g., BVA...).
- Name and logo/mark of the B-BBEE verification professional or agency.
- A B-BBEE Verification Certificate must be signed by the technical signatory at the bottom with full name and surname. The details of the technical signatory can be checked from the SANAS website (www.sanas.co.za). No other person is allowed to sign the B-BBEE Verification Certificate apart from the technical signatory.
- The SANAS logo on the B-BBEE Verification Certificate.

9.3 The following constitutes a valid **dtic Sworn Affidavit:**

- Name/s of deponent as they appear in the identity document and the identity number.
- Designation of the deponent as either the director, owner or member must be indicated in order to know that person is duly authorised to depose of an affidavit.
- Name of enterprise as per enterprise registration documents issued by the CIPC, where applicable, and enterprise business address.
- Percentage of black ownership, black female ownership and designated group. In the case of specialised enterprises as per Statement 004, the percentage of black beneficiaries must be reflected.
- Indicate total revenue for the year under review and whether it is based on audited financial statements or management account.
- Financial year end as per the enterprise's registration documents, which was used to determine the total revenue.
- B-BBEE Status level. An enterprise can only have one status level.
- Empowering supplier status must be indicated. For QSEs, the deponent must select the basis for the empowering supplier status.
- Date deponent signed and date of Commissioner of Oath must be the same.
- Commissioner of Oath cannot be an employee or ex officio of the enterprise because, a person cannot by law, commission a sworn affidavit in which they have an interest.

9.4 The following constitutes a valid **CIPC B-BBEE certificate**:

- Name of enterprise, registration number and business address.
- Date of issue and expiry adding to twelve months (e.g. 9 June 2018 to 8 June 2019) must be indicated.
- Percentage of total black ownership, black female ownership and total white ownership.
- Certificate number.
- Barcode with tracking number
- Barcode with enterprise number.
- B-BBEE Status and procurement recognition level.
- The dtic logo on the top left corner, and CIPC logo on the top right corner.
- CIPC watermark

10 SUB-CONTRACTING

10.1 A tenderer will not be awarded points for B-BBEE status level if it is indicated in the tender documents that such a tenderer intends sub-contracting more than 25% of the value of the contract to any other enterprise that does not qualify for at least the points that such a tenderer qualifies for, unless the intended sub-contractor is an exempted micro enterprise that has the capability and ability to execute the sub-contract.

10.2 A tenderer awarded a contract may not sub-contract more than 25% of the value of the contract to any other enterprise that does not have an equal or higher B-BBEE status level than the person concerned, unless the contract is sub-contracted to an exempted micro enterprise that has the capability and ability to execute the sub-contract.

10.3 If the tender intends to sub-contract, they must indicate the value of the work in Rands to be sub-contracted in relation to the total tendered amount. The supplier must also indicate the name(s) of the company / contractor.

10.4 All BBBEE certificates of the sub-contractors must also be submitted. Non-submission will result in 0 points being awarded for BBBEE.

10.5 In case of proposal from a joint venture, the following must be submitted together with the proposal/Quotation:

- 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.

11 LOCAL PRODUCTION AND CONTENT

- 11.1 Only locally manufactured designated goods and/or services from local raw material or input will be considered.
- 11.2 If the raw material or input to be used for a specific item is not available locally, bidders should obtain written authorisation from the DTi should there be a need to import such raw material or input and;
- 11.3 A copy of the authorisation letter must be submitted together with the bid document at the closing date and time of the RFP. For further information, bidders may contact the DTi at telephone 012 394 3717/1390.
- 11.4 The guidelines and declarations that should be used by tenderers when preparing a tender are available on the DTi website. Guidance on the calculation of local content and manufacturing can be assessed on the DTi's official website – <http://www.thedtic.gov.za/sectors-and-services-2/industrial-development/industrial-procurement/>
- 11.5 Tenderers must complete Declarations D and E, and consolidate the information on Declaration C. Annexures C, D and E must be submitted with the tender by the closing date and time as determined by the CSIR. If the tender is successful, the tenderer must continuously update Declarations C, D and E with actual values for the duration of the contract.
- 11.6 The Declaration Certificate for Local Production and Content (SBD 6.2) in addition to the above declarations must also be completed, duly signed, and submitted by the bidder at the closing date and time of the tender; and
- 11.7 The rates of exchange quoted by the bidder in paragraph 6.8 below of the declaration certificate will be verified for accuracy.
- 11.8 The exchange rate to be used for the calculation of local production and content must be the exchange rate published by the South African Reserve Bank (SARB) AT 12:00 on the date of advertisement of bid.

11.9 Only the South African Bureau of Standards (SABS) approved technical specification number SANS 1286:2011 must be used to calculate local content.

11.10 Bidders must clearly indicate in their bids, the quantities of products to be supplied, and the level of local content for each product.

11.11 Applicable local production and content minimum thresholds for this tender are as per the table below:

Tender Item No. as per BOQ	Designated Sector	Item, Product, or Service Description	Minimum Applicable Local Content Threshold
Section 2	Plastic Pipes	HDPE (110mm) water pipes	100%

All the sectors indicated above are designated as per below thresholds:

- HDPE (110mm) water pipes 100%

Bidders are to declare any or additional item part of the scope of works that falls within the above designated sectors on Local content Annexures C, D, and E.

11.12 How to apply for exemption:

The exemption request must be on your signed company's letterhead and cover the following:

- The procuring entity/government department/state owned company,
- Tender/bid number,
- Closing date,
- Item(s) for which the exemption is being requested for,
- Description of the goods, services or works for which the requested exemption item will be used for and the local content that can be met,
- Reason(s) for the request,
- Attach specification issued by the procuring entity, and

- Supporting letters from local manufacturers/sub-suppliers (if applicable).

Attention to:

Dr. Tebogo Makube
Chief Director: Industrial Procurement Unit
The Department of Trade and Industry
Private Bag X84,
Pretoria,
Gauteng, 0001

12 CONSTRUCTION INDUSTRY DEVELOPMENT BOARD (CIDB)

12.1 Only those tenderers who are registered with the CIDB or are capable of being so prior to the closing date and time of this RFQ submissions, with a grading of **2CE or higher** class of construction works, will be considered.

12.2 Joint ventures are eligible to submit proposals provided that:

- Every member of the joint venture is registered with the CIDB.
- The lead partner has a contractor grading designation in the **2CE or higher** class of construction work; or not lower than one level below the required grading designation in the class of works construction works under consideration and possess the required recognition status.
- The combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to **2CE or higher** class of construction work.

13 CORRECTNESS OF RESPONSES

13.1 The tenderer must confirm satisfaction regarding the correctness and validity of their quotation and that all prices and rates quoted cover all the work/items specified in the RFQ. The prices and rates quoted must cover all obligations under any resulting contract.

13.2 The tenderer accepts that any mistakes regarding prices and calculations will be at their own risk.

14 ADDITIONAL TERMS AND CONDITIONS

- 14.1 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.
- 14.2 Copies of any affiliations, memberships and/or accreditations that support your submission must be included in the tender.
- 14.3 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.
- 14.4 Failure to comply with any of the terms and conditions as set out in this document will invalidate the Quotation.

15 CSIR RESERVES THE RIGHT TO

- 15.1 Extend the closing date.
- 15.2 Verify any information contained in a proposal.
- 15.3 Request documentary proof regarding any tendering issue.
- 15.4 Appoint one or more service providers, separately or jointly (whether or not they submitted a joint proposal);
- 15.5 Award this RFQ as a whole or in part; and
- 15.6 Cancel or withdraw this RFQ as a whole or in part.

16 PERSONAL INFORMATION

- 16.1 Each Party consents to the other Party holding and processing “personal information” (as defined in the POPI Act) relating to it for legal, personnel, administrative and management purposes (including, if applicable, any “special personal information” relating to him/her, as defined in the POPI Act). Notwithstanding the generality of the aforesaid, each Party hereby undertakes to comply with all relevant provisions of the POPI Act and any other applicable data protection laws. The Client further agrees to comply with all CSIR’s reasonable internal governance requirements pertaining to data protection.
- 16.2 Each Party consents to the other Party making such information available to those who provide products or services to such parties (such as advisers, regulatory authorities,

- governmental or quasi-governmental organisations and potential purchasers of such Party or any part of their business).
- 16.3 The Client consents to the transfer of such information to CSIR's business contacts outside South Africa in order to further its business interests.
- 16.4 While performing any activity where a Party is handling personal information as a "responsible party" (as defined in the POPI Act), each Party undertakes that it will process the personal information strictly in accordance with the terms of the POPI Act, this Contract, and the other Party's instructions from time to time, and take appropriate operational measures to safeguard the data against any unauthorised access.
- 16.5 Each Party acknowledges that in the course of conducting business with each other, each Party intends to maintain and process personal information about the other Party in an internal database. By signing this Contract, each Party consents to the maintenance and processing of such personal information.
- 16.6 Where relevant, the Client shall procure that all of its personnel, agents, representatives, contractors, sub-contractors, and mandataries shall comply with the provisions of this clause 12 (Personal Information). The CSIR shall be entitled on reasonable notice to conduct an inspection or audit Client's compliance with the requisite POPI Act safeguards.

17 DISCLAIMER

This RFQ is a request for quotations 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 quotation, 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.

18 OTHER TERMS AND CONDITIONS

- 18.1 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.

18.2 A validity period of 90 calendar days will apply to all quotations except where indicated differently on the quote.

19 No goods and/or services should be delivered to the CSIR without an official CSIR Purchase order or signed supplier agreement. The CSIR purchase order number must be quoted on the invoice. Invoices without CSIR purchase order numbers will be returned to supplier.

20 Note: This is not a Purchase Order

21 ANNEXURE B: SCHEDULE OF BIDDER'S EXPERIENCE AND CONTACTABLE REFERENCES

Name of company/ Principal Agent (where applicable)	Contact person, email, and Telephone Number	Project name & scope of work	Project value (Inclusive of VAT)	Project completion date

DECLARATION BY TENDERER

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

RFQ No: 5937/0/09/2022

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 5937/09/09/2022** 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 bid as the principal liable for the due fulfilment of this bid.

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:

22 SBD 1 FORM - INVITATION TO BID