



## REQUEST FOR QUOTATION

### Repairs and Upgrade of Irrigation System at the CSIR Scientia Site, Pretoria.

#### RFQ NO. 9402/26/01/2023

Date of issue:	Wednesday, 11 January 2023
Compulsory briefing session and site inspection	Compulsory Site Briefing Thursday, 19 January 2023 Time: 10:00-11:00 Venue: Building 44 parking lot, CSIR Scientia campus, Meiring Naude Road, Brummeria, Pretoria, Gauteng
Submission and Contact details:	For submission of quotations or any other enquiries: Email: tender@csir.co.za ( <b>Please use RFQ No. as subject reference</b> )
Closing Date and Time	Date: Thursday, 26 January 2023 Time: 16:30

## 1 INTRODUCTION

The Council for Scientific and Industrial Research (CSIR) is one of the leading scientific research and technology development organisations in Africa. In partnership with national and international research and technology institutions, the CSIR undertakes directed and multidisciplinary research and technology innovation that contributes to the improvement of the quality of life of South Africans. The CSIR's main site is in Pretoria while it is represented in other provinces of South Africa through regional offices.

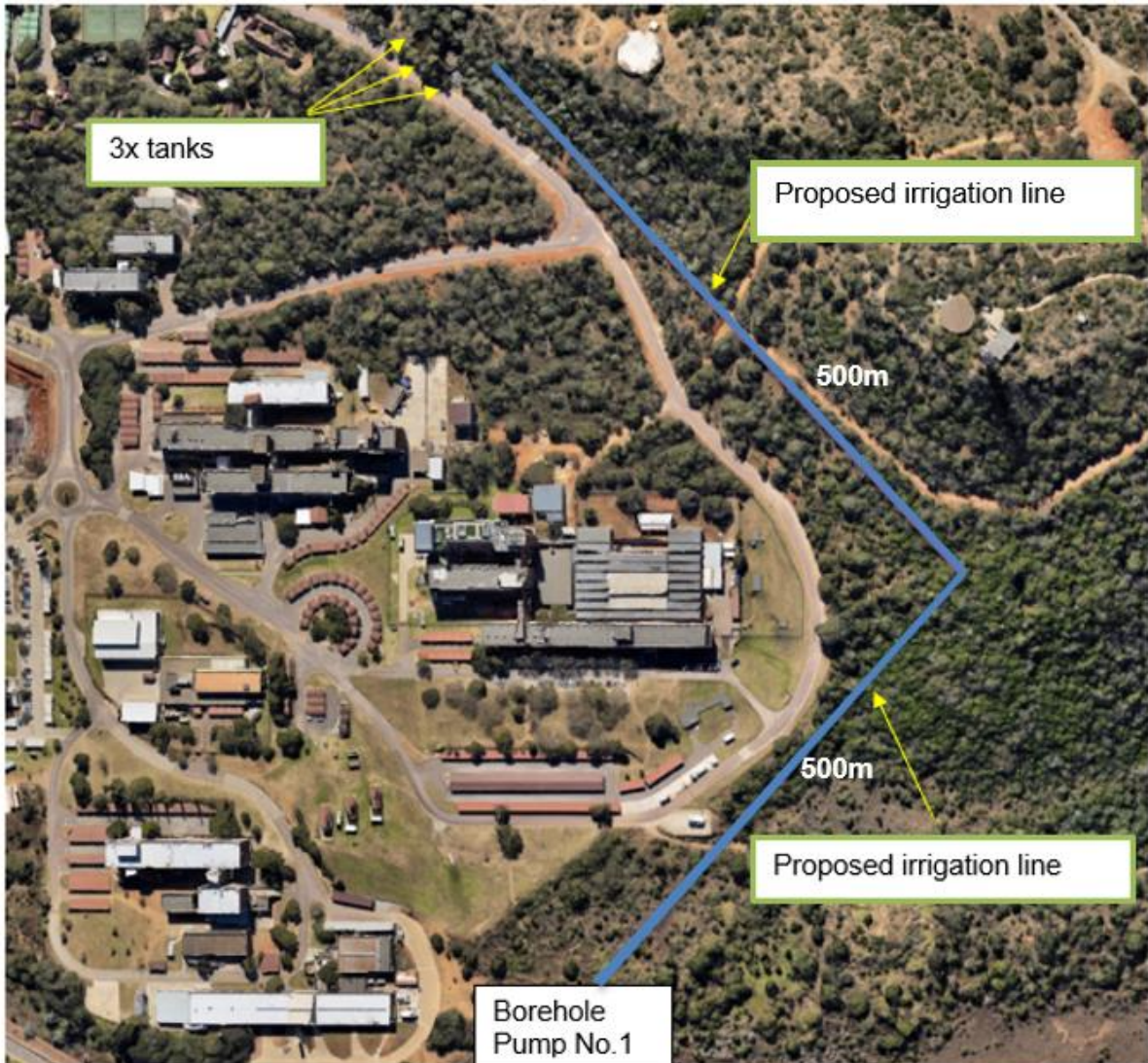
## 2 BACKGROUND

The Facilities Management department is responsible for the provision of fit for purpose infrastructure to all the CSIR sites. There is a need to repair and upgrade the irrigation system at the CSIR Pretoria site. The intention is to run a borehole pump which is located behind building 46 at the Scientia Site in Pretoria to serve the irrigation requirements at the south zone, repair existing steel water tanks and replenish its irrigation spares.

### **Description of Problem Statement and Project Interventions**

Borehole 1 is situated behind building 46 at Pretoria Scientia campus. The borehole is not equipped with a pump and has not been used. During the initial pumping conducted, the borehole produced clear water and had an estimated yield of 4,5 kL/h and it stabilized at 40m.

The intended project installations entail a connection of new solar borehole pump to serve south zone irrigation requirements. Furthermore, the project interventions include a rehabilitation of 3 x steel tanks that are currently damaged due to leaking lining (*this includes supply and installing plastic lining, pre-liner, and cover with window on 3 x reservoirs for irrigation water. All three reservoirs have a pipe flanged and bolted from the inside wall of reservoirs for cross feeding. One reservoir has flanged and bolted at the bottom of reservoir for inlet/outlet piping*). The intent is to connect the pump discharge to a 3-way valve to enable feeding the irrigation area and 3x steel tanks as depicted in Figure 1.



**Figure 1: Aerial View of the CSIR (with Proposed Area of the intended additional irrigation line from Borehole No.1)**

### **3 INVITATION FOR QUOTATION**

Quotations are hereby invited the once-off repair and upgrade of irrigation systems at the CSIR Scientia site in Pretoria.

### **4 SCOPE OF WORK AND DELIVERABLES**

The scope of work will entail the following:

- Conduct an inspection on the proposed area of the borehole system, and water tanks Hand excavation works (no machinery allowed).
- Inspect and provide a solution for repairing of 3 x existing steel water tanks.
- Construction of a solar pump brick house, with steel roof sheets (where solar modules will be mounted).
- Supply and installation of 3 kW borehole pump, 5 kVA solar PV system with lithium battery back-up, HDPE pipes, 75 mm high pressure ball O valves, sprinklers, and controllers.
- Supply of irrigation spares to improve watering of the gardens and grounds (see BOQ for further details).
- the service provider will be expected to provide a workmanship guarantee for a period of six (6) months upon commissioning date of project.
- the service provider will be expected to provide a product warranty for a period of twelve (12) months upon commissioning date of project.

*NB: Bidders are requested to quote as per the attached ANNEXURE A- Scope and Bills of Quantities (BOQs).*

## **5 PRICING SCHEDULE / BILL OF MATERIALS**

Contractors are to price in the Bill of quantities provided (**Annexure A**).

- The Bills of Quantities forms part of this RFQ Document and must be read conjunction with the Specification provided.
- A price and a unit rate must be filled in against each item in the Bills of Quantities. Items which are not priced will be accepted as being covered by the Bidder by other prices and unit rates in the Schedule of Quantities.
- The unit rates and prices as tendered in the Bills of Quantities must cover all the Bidder's obligations under this Contract and must include full compensation for all provisional costs, temporary work, transport, labour, material, plant, equipment

### **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.**

**5.1 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 a current company profile clearly showing the company's core activities. The profile must highlight the expertise of the contractor in supplying and installing irrigation systems. It must also include a minimum of three (3) irrigation projects done in the last 5 years. Minimum 3 contactable references on projects not older than 5 years.
- Bidders must provide at least three (3) reference letters **or** completion certificates from previous clients to substantiate the list provided **(Reference letters or completion certificates from other contractors will not be accepted)**
- 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.
- Bidders must provide a construction programme in a clear readable format.
- The pricing must be firm and inclusive of all costs required to deliver the required services to the CSIR.

**6 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	Bidder <b>must</b> submit Quotation on official company letterhead	
2	Bidder <b>must</b> Complete BOQ - <b>Annexure A</b>	
3	Bidder <b>must</b> Submit completed schedule of bidder's experience and contactable references information- <b>Annexure B</b>	
4	Bidder <b>must</b> submit a CV of project leader (qualified professional plumber) with at least 3 years' relevant project management experience as well as professional qualifications or certificates/memberships e.g., Plumbing registration board.	
5	Bidders <b>must</b> provide a current company profile clearly showing the company's core activities, with recent installations of irrigation systems, the company profile <b>must</b> also include a minimum of three (3) irrigation projects done in the last 5 years.	

6	The bidder <b>must</b> submit a minimum of three (3) installations contactable reference letters, in the SH scope of work (Civil Construction and plumbing pipe works) with values of works completed between 2018 to 2022, (Appendix A to be completed).	
7	Bidder <b>must</b> Submit completed and duly signed Invitation to Bid Form- <b>SBD 1</b>	
8	Submit completed and duly signed Invitation to Bid Form- <b>SBD 4</b>	
9	Bidder <b>must</b> Provide proof of valid and active CIDB registration with a grading of 3 SH or higher.	
10	Bidder <b>must</b> submit proof of compliance with the Compensation for Occupational Injuries and Disease Act (COIDA) relevant to scope of work.	
11	Bidder <b>must</b> Complete and duly sign Tender's Declaration of Interest Form	
12	Bidder <b>must</b> submit Project programme schedule - in a clear readable format	
13	Bidder <b>must</b> submit public liability cover with a minimum of R 1 000 000	
14	Bidder <b>must</b> submit Fully completed and duly signed local content Annexure <b>C, D</b> and <b>E</b> together with completed and duly signed <b>SBD 6.2</b> declaration certificate for local production and content.	

**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 my thus result in your submission not being considered for Price and BBEE evaluation.*

## 7 EVALUATION CRITERIA

- Selection of suppliers will be based on the 80/20 preference point system.
- Submit a valid B-BBEE Certificate (SANAS accredited), CIPC B-BBEE certificate or sworn affidavit indicating the B-BBEE Status level. (RSA suppliers only)
- No B-BBEE status will equal zero points. (RSA suppliers only)
- 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.
- No order will be issued, or no contract will be signed without a valid CSD number (Only applicable to RSA suppliers).

### 7.1 ELIMINATION CRITERIA:

Bidders will be eliminated under the following conditions:

- Late submission of quotes.
- Submission at incorrect email address (*Please submit electronically to [tender@csir.co.za](mailto:tender@csir.co.za)*)

- If the supplier submits bids using cloud platforms, i.e., we-transfer, google-drive, drop-box.
- If the supplier does not quote according to the stipulated requirements, as indicated in 5.1 above.
- If the supplier fails to submit any of the mandatory/returnable documents, as listed in 6 above.
- If the supplier fails to submit a completed and signed Bidder's Declaration Form (Annexure C).
- **Non-submission of any of the mandatory/returnable documents specified in section 6 above.**

## **SECTION B: TERMS AND CONDITIONS**

### **8 PRICING QUOTATION**

- 8.1 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.
- 8.2 Payment will be according to the CSIR Payment Terms and Conditions.

**The price should be firm and inclusive of all services required to complete the works including disbursements**

### **9 PROCEDURE FOR SUBMISSION OF QUOTATIONS**

- 9.1 All quotations must be submitted electronically to: [tender@csir.co.za](mailto:tender@csir.co.za)
- 9.2 Respondents must use the RFQ number as the subject reference number when submitting their bids.
- 9.3 The email and file sizes should not exceed a total of 25mb per email.
- 9.4 The naming / labelling syntax of files or documents must be short and simple (e.g., BBBEE Certificate).
- 9.5 All documents submitted electronically via email must be clearly visible.
- 9.6 Tenders or documents received after the closing date and time will be considered as a late submission. Late submissions will not be evaluated.
- 9.7 Bids must be submitted in PDF. Any bids submitted using cloud platforms, i.e., we-transfer, google-drive, drop box etc, will not be considered for evaluation.

**NB: NO HARD COPIES OR PHYSICAL SUBMISSIONS WILL BE ACCEPTED**

### **10 BRIEFING SESSION INFORMATION AND PROTOCOL**

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

Date	Wednesday, 18 January 2022
Time	10:00 – 11:00
Venue	Building 44 parking lot, CSIR Scientia campus, Meiring Naude Road, Brummeria, Pretoria, Gauteng

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

11.1 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.

### 11.2 **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](http://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.

### 11.3 **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.

#### **11.4 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

## **12 SUB-CONTRACTING**

- 12.1 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.
- 12.2 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.
- 12.3 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.
- 12.4 All BBBEE certificates of the sub-contractors must also be submitted. Non-submission will result in 0 points being awarded for BBBEE.
- 12.5 **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.

### 13 LOCAL CONTENT

- 13.1 Only locally manufactured designated goods and/or services from local raw material or input will be considered.
- 13.2 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. The written authorisation should indicate the current RFQ number on it.
- 13.3 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.
- 13.4 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/>
- 13.5 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.
- 13.6 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
- 13.7 The rates of exchange quoted by the bidder in paragraph 6.8 below of the declaration certificate will be verified for accuracy.
- 13.8 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.
- 13.9 Only the South African Bureau of Standards (SABS) approved technical specification number SATS 1286:2011 must be used to calculate local content.
- 13.10 Bidders must clearly indicate in their bids, the quantities of products to be supplied, and the level of local content for each product.

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

Sector	Local Content	Minimum Local Content Threshold
Supply and install HDPE water pipes (75mm), 1000m & 400m	Applicable	100%
Solar PV modules	Applicable	15%
5KV <sub>a</sub> Inverter	Applicable	40%

Supply bricks, cement, sand, and labour for the construction of a 3m x 2m pump house	Applicable	100%
Supply and install 75mm ball O valves, coupling and accessories	Applicable	70%

### 13.12. 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

### 14. CONSTRUCTION INDUSTRY DEVELOPMENT BOARD (CIDB)

- 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 3SH or higher class of construction works, will be considered.
- 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 3SH 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 3SH or higher class of construction work.

## **15. CORRECTNESS OF RESPONSES**

15.1 The tenderer must confirm satisfaction regarding the correctness and validity of their proposal 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.

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

## **16. ADDITIONAL TERMS AND CONDITIONS**

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

## **17. OTHER TERMS AND CONDITIONS**

- 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. CSIR RESERVES THE RIGHT TO**

- Extend the closing date.
- Verify any information contained in a proposal.
- Request documentary proof regarding any tendering issue.
- Appoint one or more service providers, separately or jointly (whether they submitted a joint proposal).
- Award this RFQ as a whole or in part.
- Cancel or withdraw this RFQ as a whole or in part

## 19. PERSONAL INFORMATION

- 19.1** 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.
- 19.2** 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).
- 19.3** The Client consents to the transfer of such information to CSIR’s business contacts outside South Africa in order to further its business interests.
- 19.4** 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.
- 19.5** 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.
- 19.6** 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.

## 20. 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 regarding its accuracy, completeness or otherwise and the CSIR shall have no liability towards the tenderer or any other party in connection therewith.

## 21. OTHER TERMS AND CONDITIONS

- 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.

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

**22. 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.**

**No goods and/or services should be delivered to the CSIR without an official CSIR Purchase order.**

**NOTE: THIS IS NOT A PURCHASE ORDER**

**ANNEXURE A: PRICE SCHEDULE**

**Part one: connect borehole in building 46 to water reservoirs/tanks (all components MUST be SABS approved)**

<b>Part one: connect borehole in building 46 to water reservoirs/tanks (all components MUST be SABS approved)</b>					
<b>No.</b>	<b>Task Description</b>	<b>Item</b>	<b>Qty</b>	<b>Unit price</b>	<b>Total Cost</b>
1	Excavation and backfilling (Excavate to create a 1000m x 0.3m x 0.5m deep trench for pipes)	m <sup>3</sup>	150		
2	Supply and install HDPE water pipes (75mm), 1000m	Sum	1		
3	Supply bricks, cement, sand, and labour for the construction of a 3m x 2m pump house	Sum	1		
4	Supply and install flowmeter	Sum	1		
5	Supply and install solar water pump (3kW) with complete modules, wire kit array to control box, control switch, 5 kVA inverter, and lithium battery	Sum	1		
6	Supply and install 20 mm pressure gauge	Sum	1		
7	Connect the irrigation water line to the water reservoirs / tanks (3 of them)	Sum	1		
8	Supply and install 75mm ball O valves, coupling and accessories	each	5		
<b>Sub-Total</b>					
<b>Part Two: Repairs of Three Water Reservoirs (all components MUST be SABS Approved)</b>					
<b>No.</b>	<b>Task Description</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Cost (ZAR)</b>
1	Supply and install plastic lining and provide guarantee for lining 14.1m x 2m.	each	2		
2	Supply and install plastic lining and provide guarantee for lining 11m x 2m.	each	1		
3	Supply and install pre lining and provide guarantee for pre lining 14.1m x 2m.	each	2		
4	Supply and install pre lining and provide guarantee for pre lining 11m x 2m.	each	1		
5	Supply and install shade netting 50% for conical roof with opening and provide guarantee for shade netting. (tank No. 1 is 11m X 2m, tank No. 2 and 3 is 14.1m X 2m)	Each	3		
6	Supply and install complete flanges 3" inch	Each	8		

7	Supply and install Nipples 3" inch	Each	6		
8	Supply and install bent/Elbow 3" inch	Each	4		
9	Supply and install Unions 3" inch	Each	3		
10	Supply and install 3" inch x 6m long galvanise pipe	Sum	2		
11	Supply and install complete bottom 3" inch drain/flange	Each	2		
12	Repair dents	Sum	1		
13	Supply and install 3" inch valves	Each	3		
14	Install a valve box with cover 300mm x 400mm	Each	2		
15	Remove rubbish	Sum	1		
<b>Sub-Total</b>					
<b>Part Three: Supply of Irrigation Spares (all spares MUST be SABS Approved)</b>					
No	Description	Quantity	Unit price	Cost (ZAR)	
1.	Irrigation 20mm LDPE Pipe 100m coil	2			
2.	Irrigation 25mm LDPE Pipe 100m coil	2			
3.	Irrigation 20mm Full flow coupler/ straight joint	30			
4.	Irrigation 25mm full flow coupler	30			
5.	Irrigation 20mm Full flow elbow	30			
6.	Irrigation 25mm full flow elbow	30			
7.	Irrigation 20mm full flow T-piece	30			
8.	Irrigation 25mm full flow T-piece	30			
9.	Irrigation 20mm full flow end plug	30			
10.	Irrigation 25mm full flow end plug	30			
11.	Irrigation 20mm full flow male adopter	30			
12.	Irrigation 25mm full flow male adopter	30			
13.	Irrigation 20mm combination male elbow	30			
14.	Irrigation 25mm combination male elbow	30			
15.	Irrigation 25mm full flow male T-piece (for pop up sprayers)	30			
16.	Irrigation 25mm full flow female T-piece (connection to risers)	30			
17.	Irrigation 20mm x 16mm full flow reducing elbow	30			
18.	Irrigation 15mm x 300mm Riser with adopter	30			
19.	Irrigation 15mm x 500mm Riser with adopter	30			
20.	Irrigation 15mm x 1000mm Riser with adopter	30			



21.	Irrigation 20mm x 500mm Riser with adopter	30		
22.	Irrigation 20mm x 1000mm Riser with adopter	30		
23.	Irrigation 20 pack x adjustable arc nozzles	2 packs of 20		
24.	Irrigation Large rotary pop-up sprayer with spray heads	20		
25.	Irrigation Medium rotary pop-up sprayers with spray head	20		
26.	Irrigation Small rotary pop-up sprayers with spray heads	20		
27.	Irrigation 20mm Brass ball valves	20		
28.	Irrigation 25mm Chrome ball valves	20		
29.	Irrigation Microjet sprayers blue strip set	20		
30.	Irrigation 20mm Nylon Sockets	30		
31.	Irrigation 25mm Nylon sockets	30		
32.	Irrigation 20mm impact adjustable sprayers	15		
33.	Irrigation 25mm to 2mm reducer	20		
34.	Irrigation 32mm Coupling	20		
35.	Irrigation 25mm Coupling	20		
36.	Irrigation 25mm T-piece coupling	20		
37.	Irrigation 50mm coupling HDPE black	10		
38.	Irrigation 25mm Quick coupling valve	15		
39.	Irrigation 300mm Rectangular valve box	15		
40.	Irrigation Jumbo Rectangular valve box	15		
41.	Irrigation 150+ Round/square valve box	20		
42.	Irrigation Medium round/square valve box	20		
43.	Irrigation Tape	10		
44.	Safety file allowance	1		
45.	Commissioning report	1		
	<b>Sub - Total</b>			
<b>Safety File</b>				
<b>Contingency for construction (10%)</b>				
<b>Travel and logistics (disbursements)</b>				
<b>15% VAT</b>				
<b>Grand Total Including VAT</b>				

**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

**ANNEXURE C – SBD 1 FORM**

**(The Completed SBD 1 form must be submitted with bid document)**

**ANNEXURE D – SBD 4 FORM**

**(The Completed SBD 4 form must be submitted bid document)**

**ANNEXURE E – SBD 6.2 DECLATAION CERTIFICATE FOR LOCAL CONTENT**

**(Must be completed by the bidder and submitted bid document)**

**ANNEXURE F: LOCAL CONTENT DECLARATIONS - C, D and E**

**(Must be completed by the bidder and submitted with bid document)**

**APPENDIX A: DECLARATION BY BIDDER**

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

**RFQ No: 9402/26/01/2023**

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: 9402/26/01/2023** 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 .....

<b>WITNESSES</b>	
1	.....
2	.....
DATE:.....	

