


# Mintek Request for Proposal

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## TENDER DOCUMENT

In terms of the Supply Chain Management Regulations (Government Gazette 27636 of 30 May 2005)

 <p><b>MINTEK</b> A global leader in mineral and metallurgical innovation</p>	<p><b>TENDER NO: MTK 11/2024</b></p> <p><b>REQUEST FOR PROPOSAL (RFP)</b></p> <p><b>PROCUREMENT OF AN INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY (ICP-MS)</b></p> <p><b>VALIDITY PERIOD: 90 DAYS FROM CLOSING DATE</b></p>
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CLOSING DATE & TIME:	<b>25 September 2024 at 12h00</b>
TENDER SUBMISSION GUIDELINES:	<b>Tenders are to be submitted online using the Online Tender Box that is located on the Tender Notice Page where procurement documentation is downloaded. Detailed instructions for online submission are published on the Online Tender Box.</b>
TENDER/TECHNICAL QUERIES:	All tender enquiries must be submitted in a written format. Queries relating to this tender must be addressed in writing by using the dedicated submit query button accessible on the online tender box. Closing date for tender/ technical queries is <b>20 September 2024 at 15h00.</b>
BRIEFING SESSION:	Not applicable
NON-REFUNDABLE ADMINISTRATION FEE:	R500.00

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<b>GENERAL TENDER INFORMATION</b>
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**TENDER ADVERTISED:** 02 September 2024

**CLOSING DATE FOR TENDER ENQUIRIES:** 20 September 2024 at 15h00

**TENDER CLOSING DATE AND TIME:** 25 September 2024 at 12h00

**TENDER SUBMISSION PLATFORM:** Online Tender Box

**TENDER SUBMISSION  
GUIDELINES**

NB: Tenders must be properly received and submitted to the online tender box on or before the closing date and before the closing time. No late tender offers will be accepted under any circumstances. No tender offers will be accepted via facsimile, email, telegram or in the tender box. Tenders shall be submitted electronically via the Online Tender Box that may be accessed using the same website address for downloading the tender documents.

Tenders must be prepared and submitted as follows:

- Zip File 1: Compliance documents
- Zip File 2: Tender submission, including all supporting documents
- Zip File 3: Financial offer

**Identification details for files that are submitted to the Online Tender Box:**

Files are to be saved with the Tender number and the tenderer's name separated by a dash eg: XXXXX-[tenderername].xxx

Only file types specified on the Online Tender Box are to be submitted.

Files are not to exceed the file size stipulated on the Online Tender Box.

**Bank Details**

**All bidders must include (inside their bid) proof of payment of a R500 fee when submitting their tenders.**

**Bank: ABSA**  
**Account number: 01000041501**  
**Branch code: 632005**

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### **General Information**

Please note that this is a generic document used for both goods and services; and for different types of tenders. Therefore there might be sections that are not applicable for this tender. Please indicate them as not applicable and sign the document as required.

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## TENDER DOCUMENT

### SECTION A: TENDER INSTRUCTIONS & REQUIREMENTS

#### 1. REQUEST FOR TENDER

<b>TENDER NUMBER:</b>	<b>MTK 11/2024</b>
<b>TENDER CLOSING DATE &amp; TIME:</b>	<b>25 September 2024 at 12:00 PM</b>

#### **ANY ENQUIRIES RELATING TO THE BIDDING PROCEDURE AND TECHNICAL ENQUIRIES MAY BE DIRECTED AS FOLLOWS:**

All technical enquiries must be submitted in a written format. No questions will be answered telephonically. All tender queries should be sent using the dedicated submit query button accessible on the online tender box.

#### **REQUESTS FOR CLARIFICATION OR FURTHER INFORMATION:**

All communications relating to this RFP and the Tendering Process must be directed to the Tender Officer through the submit query button on the online tender box.

All questions or requests for further information or clarification of this RFP or any other document issued in connection with the Tendering Process must be submitted to the Tender Officer in writing through the submit query button on the online tender.

Any communication by a Bidder to Mintek will be effective upon receipt by the Tender Officer (provided such communication is in the required format).

Mintek has restricted the period during which it will accept questions or requests for further information or clarification and reserves the right not to respond to any enquiry or request, irrespective of when such enquiry or request is received.

Except where Mintek is of the opinion that issues raised apply only to an individual Bidder, questions submitted and answers provided will be made available to all Bidders on the online tender box.

A bidder may, by notifying the tender officer in writing, withdraw a question submitted in circumstances where the bidder does not wish Mintek to publish its response to the question to all bidders.

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### NATIONAL TREASURY CENTRAL SUPPLIER DATABASE (CSD) REGISTRATION

All prospective bidders are required to:

- All prospective bidders are required to:
  - Be registered on National Treasury's Central Supplier Database. Registrations can be completed online at: [www.csd.gov.za](http://www.csd.gov.za)
  - Provide Mintek with their CSD registration number attached within their proposals.
  - **Mintek will only issue a Purchase Order to a supplier/ service provider who is tax compliant.**
  - In the event of Joint Venture agreement, the JV must be registered on CSD and the registration number of the JV must be submitted.
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### DETAILS OF TENDERER

Name of firm / entity / enterprise	
Trading as (if different from above)	
Company registration no.	
Company Income Tax no.	
VAT registration no.	
Any other registration applicable to this Industry	
Postal address	Postal Code _____
Physical address	Postal Code _____
Contact details of the <b>Person signing the Tender</b>	Name: _____ Telephone: _____ Fax: _____ Cellular Telephone: _____ e-mail address: _____
Contact Details of the Tenderer's proposed <b>Project Manager</b> who will represent the Tenderer in the <b>implementation</b> processes	Name: _____ Telephone: _____ Fax: _____ Cellular Telephone: _____ e-mail address: _____
Contact Details of the <b>Person responsible for Accounts / Invoices</b>	Name: _____ Telephone: _____ Fax: _____ Cellular Telephone: _____ e-mail address: _____



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<b>GENERAL CONDITIONS OF TENDER</b>
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**1. SUBMISSION OF BIDS**

- 1.1 Bids must be submitted with all official Bid Forms that are contained within this tender document and duly completed.
- 1.2 Bids must be delivered at the platform that is indicated in the tender document, and must be delivered timeously, as late bid submissions will NOT be accepted for consideration.
- 1.3 Late submissions **will not** be accepted under any circumstances. The tender shall be closed at exactly 12:00 Noon and tenders arriving only a second after 12:00 or any time thereafter **will not** be accepted under any circumstance. Tenderers are therefore strongly advised to ensure that their tenders when uploaded allow enough time for any unforeseen events that may delay the delivery of the tender.
- 1.4 This Bid is subject to the Preferential Procurement Policy Framework Act and the Preferential Procurement Regulations of 2022, the General Conditions of Contract (GCC) as listed in this document and, if applicable, any other special conditions of contract as specified.
- 1.5 The successful bidder will be reduced to a contract by signing the acceptance of offer.
- 1.6 It is an absolute condition that the taxes of the bidder **must be in order**.
- 1.7 A tax compliance status must be submitted with the tender proposal on or before the closing date and time of the tender.
- 1.8 Each party to a consortium/ sub-contractors must submit a separate tax compliance status. Application forms for the renewal of/ or application for a tax compliance status is available at any Receiver's Office (SARS).
- 1.9 All the documents reflected to this RFP must be completed and returned with this tender proposal. Failure to submit completed documents with the tender proposal may invalidate the tender proposal.
- 1.10 Tender forms contained within the tender document requesting information have been drawn up so that certain essential information is furnished in a specific manner

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and format. Any additional particulars should be furnished on this document where appropriate, or in a separate annexure.

- 1.11 Should the bidder desire to make any departures from, or modifications to this tender/ bid or to qualify its quotation in any way, the tender shall clearly set out its tender departure/ modification as an Annexure, or alternatively state the content in a covering letter attached to the tender proposal referred to herein, failing which, the tender shall be deemed to be unqualified unless it conforms **exactly** with the requirements of this tender. Unless otherwise specified and stipulated in writing, any part of the tenderer's tender/bid which deviates from any terms and conditions stated within the tender document, shall be of no force or effect.
- 1.12 This tender document, together with associated forms and annexures, may NOT be retyped or re-drafted, but photocopies or reprints may be prepared and used.
- 1.13 Bidders should check the numbers of the pages and satisfy themselves that none are missing or duplicated. No liability shall be accepted in regard to claims arising from the fact that pages are missing or duplicated.
- 1.14 The tender price shall be open for acceptance for a period of at least 90 calendar days **after the closing date of the tender**. It should be noted that Tenderers may offer a shorter validity period, but their bid may in that event, be disregarded for such a reason. Tenderers shall clearly state whether or not prices will remain firm for the duration of the contract. Only firm prices will be accepted. Non-firm prices (including prices subject to rates of exchange of variations) will not be considered. In cases where different delivery points influence the pricing, a separate pricing schedule must be submitted for each delivery point.
- 1.15 Failure to have the Price declaration of this tender document signed by a duly authorized person will constitute non-commitment by the bidder of the tender price, and **the bid will be invalidated**.
- 1.16 All prices shall be quoted in South African currency and be **VAT inclusive**.
- 1.17 Mintek reserves the right to only accept part of the submitted bid by a supplier.
- 1.18 Mintek reserves the right to withdraw this tender.

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- 1.19 Mintek reserves the right not to award or cancel this bid at any time and shall not be bound to accept the lowest or any bid.
- 1.20 Unless specifically provided for in the tender document, no tenders will be considered if submitted or transmitted by telegram, telex, facsimile, e-mail or similar apparatus.
- 1.21 It should be noted that Mintek reserves the right to accept or reject any tender proposal without being obliged to give any reasons in this respect.
- 1.22 The bidder's **company letterhead** must be used for the proposal's cover letter and reflect the company name, address and contact details.
- 1.23 The correct Tender reference number (See the front page of this RFP for the tender number) must be quoted and the bidding company's name must appear on all pages of the proposal.
- 1.24 All pages of the proposal must be **initialled** by the responsible person.
- 1.25 Only those tenderers who score a minimum score of 80 points and above in respect of the functionality criteria will be considered.
- 1.26 The functionality criteria is contained towards the end of this document.
- 1.27 The persons named in the Schedule of Key Persons of tenderers who satisfy the minimum quality criteria may be invited to an interview if there need arises.

### **1.28 Responsiveness criteria of submissions**

No tender will be considered by Mintek unless it meets the following responsiveness criteria:

- a. The tender must be properly received as per the submission guidelines.
- b. The Tender must be **submitted in the relevant online tender box** as indicated on the notice of the tender on or before the closing date and time of the Tender.
- c. The official tender document must be **fully completed** and must **not be dismembered**. Where information requested does **not** apply to the Tenderer and **the space is left blank**, it will be **deemed** to be **not applicable**.
- d. All requested relevant and/or additional documentation **must** be submitted with the Tender on or before the closing date and time.

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- e. If the entity submitting a Tender is a **Joint Venture or a Consortium or Partnership**, each party to that formation **must** submit all the above information. A JV /consortium agreement must be submitted signed by all members of the JV.
- f. The Tenderer **must** be in **good standing** to do business with the public sector in terms of Regulation 38 of the Supply Chain Management Regulations (Government Gazette 27636 of 30 May 2005).
- g. Complies with the **requirements of the Specification**.
- h. Adheres to **Pricing Instructions**.
- i. Complies in full and observes the requirements of the **Notice to Tenderers (if applicable)**.
- j. In addition to the terms and conditions stipulated in this document, for the Tender to be considered responsive, the tenderer **must** submit the following tender information:
  - A fully completed and signed tender form;
  - The tenderer's details;
  - The necessary document authorising the Representative to sign and submit the Tender on the Tenderer's behalf;
  - The Declaration by Tenderer.

### 2. EVALUATION OF BIDS

- 2.1 All tenders received shall be evaluated in terms of administrative documents, mandatory technical, functionality, price and specific goal.
- 2.2 Mintek reserves the right to accept all, some, or none of the tenders submitted – either wholly or in part – and is not obligated to accept the lowest tender.
- 2.3 Mintek reserves the right not to award this bid to any bidder.
- 2.4 Mintek reserves the right not to award the bid to the highest scoring or lowest price bidder if in the opinion of Mintek, a supplier's bid presents risk to time, cost or quality.
- 2.5 Mintek may also award the bid to a bidder whose offering is superior to other bidders in terms of functionality, features or any other relevant technical criteria, even if the bidder is not the highest scoring or lowest priced.

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- 2.6 Mintek may make a partial award of the tender to any bidder and is not obligated to procure the number of quantities stipulated in the RFP and/or quotation.

### 3. VALUE ADDED TAX

**Where the value of an intended contract exceeds R1 000 000.00, a tenderer must be registered with the SA Revenue Service for VAT purposes to be able to issue Tax Invoices.**

It is a requirement of this contract that the amount of value-added tax (VAT) must be shown clearly on each invoice. The tender price will read: **Total Value of Service excluding VAT**. The amended Value-Added Tax Act requires that a Tax Invoice for supplies in excess of R1m should, in addition to the other required information, also disclose the VAT registration number of the recipient, with effect from 1 March 2005.

### 4. TAX CLEARANCE REQUIREMENTS

- 4.1 Bidders must ensure compliance with their tax obligations.
- 4.2 Bidders are required to submit their unique personal identification number (pin) issued by SARS to enable the organ of state to view the taxpayer's profile and tax status.
- 4.3 Application for tax compliance status (TCS) or pin may also be made via e-filing. In order to use this provision, taxpayers will need to register with SARS as e-filers through the website [www.sars.gov.za](http://www.sars.gov.za).
- 4.4 Bidders may also submit a printed TCS together with the bid.
- 4.5 In bids where consortia / joint ventures / sub-contractors are involved, each party must submit a separate proof of TCS / pin / CSD number.
- 4.6 Where no TCS is available but the bidder is registered on the central supplier database (CSD), a CSD number must be provided.
- 4.7 Mintek will not do business with a bidder who is not tax-compliant.

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<b>GENERAL CONDITIONS OF CONTRACT (GCC)</b>
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**1. GENERAL**

- 1.1 Unless otherwise indicated in the bidding documents, the purchaser shall not be liable for any expense incurred in the preparation and submission of a bid. Where applicable, a non-refundable fee for documents may be charged.

**2. STANDARDS**

- 2.1 The goods shall conform to the standards mentioned in the bidding documents and specifications.

**3. PATENT RIGHTS**

- 3.1 The supplier shall indemnify the purchaser against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the goods or any part thereof by the purchaser.

**4. PACKAGING**

- 4.1 The supplier shall provide such packaging of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging, case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and absence of heavy handling facilities at all points in transit.
- 4.2 The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the contract, including additional requirements, if any, specified in any subsequent instructions ordered by the purchaser.

**5. WARRANTY**

- 5.1 The supplier warrants that the goods supplied under the contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the contract. The

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supplier further warrants that all goods supplied under this contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the purchaser's specifications) or from any act or omission of the supplier, that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination.

- 5.2 This warranty shall remain valid for twelve (12) months after the goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise.
- 5.3 The purchaser shall promptly notify the supplier in writing of any claims arising under this warranty.
- 5.4 Upon receipt of such notice, the supplier shall, within the period specified and with all reasonable speed, repair or replace the defective goods or parts thereof, without costs to the purchaser.
- 5.5 If the supplier, having been notified, fails to remedy the defect(s) within the period specified, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expense and without prejudice to any other rights which the purchaser may have against the supplier under the contract.

### **6. PRICE AND PAYMENT SCHEDULE**

- 6.1 The Tenderer shall supply all the price information required in the price schedule, failure to do so shall invalidate the Tender.
- 6.2 No claim for price escalation will be considered unless it is specifically stated that this Tender is subject to adjustment. Failure to complete this clause will result in the Tender prices being deemed to be firm.
- 6.3 Notwithstanding anything to the contrary contained in Mintek's Conditions of Tender, Memorandum of Agreement or the Price Schedule, any claim for an increase in the Tender prices herein quoted shall be submitted in writing.
- 6.4 Mintek reserves the right to withhold payment of any escalation while only provisional figures are available until the final (revised) figures are issued by the Government's

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Central Statistical Services. **When submitting any such claim, the tenderer shall indicate the actual amount claimed for each item. A mere notification of** a claim for an increase without stating the new price claimed for each item shall, for the purpose of Prices charged by the supplier for goods delivered and services performed under the contract shall not vary from the prices quoted by the supplier in his Tender, with the exception of any price adjustments authorized or in the purchaser's request for Tender validity extension, as the case may be.

- 6.5 The method and conditions of payment to be made to the supplier under this contract shall be specified.
- 6.6 The supplier shall furnish the purchaser with an invoice accompanied by a copy of the delivery note and upon fulfilment of other obligations stipulated in the contract.
- 6.7 Payments shall be made promptly by the purchaser, but in no case later than thirty (30) days after submission of statement by the supplier.
- 6.8 Payment will be made in Rand unless otherwise stipulated.

### **7. VARIATION ORDERS**

- 7.1 In cases where the estimated value of the envisaged changes in purchase does not vary by more than 25% of the total value of the original contract, the Contractor may be instructed to deliver the goods or render the services as such. In cases of measurable quantities, the Contractor may be approached to reduce the unit price, and such offers may be accepted provided that there is no escalation in price.

### **8. DELAYS IN THE SUPPLIER'S PERFORMANCE**

- 8.1 Delivery of the goods and performance of services shall be made by the supplier in accordance with the time schedule prescribed by the purchaser in the contract.
- 8.2 If at any time during performance of the contract, the supplier or its sub-Contractor(s) encounters conditions impeding timely delivery of the goods and performance of services, the supplier shall promptly notify the purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the supplier's notice, the purchaser shall evaluate the situation and may at his discretion extend the supplier's time for performance, with or without the imposition of penalties,



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in which case the extension shall be ratified by the parties by the amendment of the contract.

- 8.3 The right is reserved to procure outside of the contract small quantities or to have minor essential services executed if an emergency arises if the supplier's point of supply is not situated at or near the place where the goods are required, or when the supplier's services are not readily available.
- 8.4 Except as provided under clause 11 (*Force Majeure*), a delay by the supplier in the performance of its delivery obligations shall render the supplier liable to the imposition of penalties, pursuant to clause 9, unless an extension of time is agreed upon pursuant to clause 8.2 above without the application of penalties.
- 8.5 Upon any delay beyond the delivery period in the case of a goods contract, the purchaser shall, without cancelling the contract, be entitled to purchase goods of a similar quality and up to the same quantity in substitution of the goods not supplied in conformity with the contract and to return any goods delivered later at the supplier's expense and risk, or to cancel the contract and buy such goods as may be required to complete the contract and without prejudice to his other rights, be entitled to claim damages from the supplier.

### **9. PENALTIES**

- 7.1 Subject to clause 11 (*Force Majeure*), if the supplier fails to deliver any or all of the goods or to perform the services within the period(s) specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, as a penalty, a sum calculated on the delivered price of the delayed goods or unperformed services using the current prime interest rate calculated for each day of the delay until actual delivery or performance. The purchaser may also consider termination of the contract pursuant to clause 10 (*Termination for default*).

### **10. TERMINATION FOR DEFAULT**

- 10.1 The purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, may terminate this contract in whole or in part:

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- a) if the supplier fails to deliver any or all of the goods within the period(s) specified in the contract, or within any extension thereof granted by the purchaser pursuant to clause 8.2;
  - b) if the supplier fails to perform any other obligation(s) under the contract; or
  - c) if the supplier, in the judgement of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.
- 10.2 In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner as it deems appropriate, goods, works or services similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar goods, works or services. However, the supplier shall continue performance of the contract to the extent not terminated.
- 10.3 Where the purchaser terminates the contract in whole or in part, the purchaser may decide to impose a restriction penalty on the supplier by prohibiting such supplier from doing business with the public sector for a period not exceeding ten (10) years.
- 10.4 If a purchaser intends imposing a restriction on a supplier or any person associated with the supplier, the supplier will be allowed a time period of not more than fourteen (14) days to provide reasons why the envisaged restriction should not be imposed. Should the supplier fail to respond within the stipulated fourteen (14) days the purchaser may regard the intended penalty as not objected against and may impose it on the supplier.
- 10.5 Any restriction imposed on any person by the Accounting Officer/ Accounting Authority will, at the discretion of the Accounting Officer/ Accounting Authority, also be applicable to any other enterprise or any partner, manager, director or other person who wholly or partly exercises or exercised or may exercise control over the enterprise of the first-mentioned person, and with which enterprise or person the first-mentioned person, is or was in the opinion of the Accounting Officer / Accounting Authority actively associated.
- 10.6 If a restriction is imposed, the purchaser must, within five (5) working days of such imposition, furnish the National Treasury, with the following:
- i. the name and address of the supplier and/or person restricted by the purchaser;

- ii. the date of commencement of the restriction;
- iii. the period of restriction; and
- iv. the reasons for the restriction.

The details will be loaded in the National Treasury's central database of suppliers or persons prohibited from doing business with the public sector.

- 10.7 If a court of law convicts a person of an offense as contemplated in sections 12 or 13 of the Prevention and Combating of Corrupt Activities Act, No. 12 of 2004, the court may also rule that such person's name be endorsed on the Register for Tender Defaulters. When a person's name has been endorsed on the Register, the person will be prohibited from doing business with the public sector for a period of not less than five (5) years and not more than ten (10) years. The National Treasury is empowered to determine the period of restriction and each case will be dealt with on its own merits. According to section 32 of the Act the Register must be open to the public. The Register can be perused on the National Treasury website.

### **11. FORCE MAJEURE**

- 11.1 Notwithstanding the above provisions of clauses 9 (*Penalties*) and 10 (*Termination for default*), the supplier shall not be liable for forfeiture of its performance security, damages, or termination for default if and to the extent that his delay in performance or other failure to perform his obligations under the contract is the result of an event of force majeure.
- 11.2 If a force majeure situation arises, the supplier shall promptly notify the purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the purchaser in writing, the supplier shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the force majeure event.

### **12. TERMINATION FOR INSOLVENCY**

- 12.1 The purchaser may at any time terminate the contract by giving written notice to the supplier if the supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the supplier, provided that such termination will not prejudice or affect any right of action or remedy, which has accrued or will accrue thereafter to the purchaser.

### **13. SETTLEMENT OF DISPUTES**

- 13.1 If any dispute or difference of any kind whatsoever arises between the purchaser and the supplier in connection with or arising out of the contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.
- 13.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the purchaser or the supplier may give notice to the other party of his intention to commence with mediation. No mediation in respect of this matter may be commenced unless such notice is given to the other party.
- 13.3 Should it not be possible to settle a dispute by means of mediation, it may be settled in a South African court of law.
- 13.4 Mediation proceedings shall be conducted in accordance with the rules of procedure specified by the purchaser in accordance with best practice.
- 13.5 Notwithstanding any reference to mediation and/or court proceedings herein:
- d) the parties shall continue to perform their respective obligations under the contract unless they otherwise agree; and
  - e) the purchaser shall pay the supplier any monies due to the supplier.

### **14. GOVERNING LANGUAGE**

- 14.1 The contract shall be written in English. All correspondence and other documents pertaining to the contract that are exchanged by the parties shall also be written in English.

### **15. APPLICABLE LAW**

- 15.1 The contract shall be interpreted in accordance with the laws of the Republic of South Africa, unless otherwise specified.

### **16. ASSIGNMENT**

- 16.1 The supplier shall not abandon, transfer, cede or assign, in whole or in part, its obligations to perform under the contract, except with the purchaser's prior written consent.

### **17. AMENDMENT OF CONTRACT**

- 17.1 No agreement to amend or vary a contract or order or the conditions, stipulations or provisions thereof shall be valid and of any force unless such agreement to amend or vary is entered into in writing and signed by the contracting parties. Any waiver of the requirement that the agreement be amended or varied shall be in writing, shall also be in writing.

### **18. INDEMNITY**

- 18.1 The Contractor agrees that the occupational use of Mintek's premises and buildings shall be at his own risk, and that he acknowledges the risks and dangers inherent therein. The Contractor furthermore acknowledges that Mintek and / or its employees shall not be liable or responsible for any loss, liability, damages, accident or injury, whether fatal or otherwise, of whatsoever nature and howsoever arising, whether directly from the permission granted by Mintek to execute certain events or otherwise, including but not limited to, the use of the premises and / or buildings, and indemnifies Mintek and/or its employees against all and any loss of / or damage to property, or injury or death, and any claim for such loss, damage, injury or death, from any cause whatsoever and howsoever arising, which may be suffered in this regard.

- 18.2 The Contractor and / or its officers, employees, agents, concessionaires, suppliers, Contractors or customers shall not have any claim of any nature against the Mintek for any loss, damage, injury or death which any of them may directly or indirectly suffer (whether or not such loss, damage, injury or death is caused through negligence of Mintek or its agents or employees) or for:

- any latent or patent defect in the premises;
- a fire on the premises;
- a theft from the premises;
- the Premises or any part thereof being in a defective condition or state of disrepair;
- force majeure of causus fortuitus or any other cause either wholly or partly beyond the Mintek's control;
- the use of the services offered on the premises;

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- consequential loss howsoever caused;
- any loss or damage whether to persons or property caused by riots, civil commotion, insurrection or actions taken by the Contractor or Mintek to mitigate the effect of / or prevent the aforesaid; and any other cause whatsoever.

18.3 Save for any wilful acts or omission or gross negligence by Mintek, its officers, employees, agents, concessionaires, suppliers and Contractors, the Contractor indemnifies Mintek and holds it harmless from and against all claims, actions, damages, liability and expense in connection with loss of life, personal injury and / or damage to property arising from or out of any occurrence in, upon or at the premises or the occupancy or use by the Contractor of the premises.

### 19. INSURANCE

19.1 Without limiting the obligations of the Contractor in terms of this Agreement, the Contractor shall effect and maintain the following insurances, covering:

- Public liability insurances, in the name of the Contractor, covering the Contractor and Mintek against liability for the death of / or injury to any person, or loss of / or damage to any property, arising out of / or in the course of this agreement.
- The Lessee shall insure all its own possessions and equipment kept on the premises, in its own name.

19.2 In the case of an occurrence giving rise to claim (and in accordance with the directives of the insurer), the Contractor shall proceed in the following manner:

- Over and above any statutory and / or other requirements contained in the conditions of this agreement, Mintek must immediately be notified telephonically (and confirmed by means of a telefax or email ) of the circumstances, nature and estimate of the loss or damage; and
- Any claim settlement shall be subject to the approval of both Mintek and the Contractor.
- Mintek reserves the right to make enquiries regarding the cause and result of any such occurrence giving rise to a claim, and the Contractor shall assist Mintek in this regard.

19.3 All insurance must remain in force for the duration of this agreement.

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19.4 Should the Contractor fail to arrange insurance or to maintain it, Mintek shall be entitled to arrange for such insurance and to maintain it, and pay the premiums, as may be necessary. Amounts for this purpose will be paid by Mintek as a debt of Contractor.

19.5 The Contractor hereby guarantees that it shall make the necessary submissions of insurance to the satisfaction of Mintek after awarding/acceptance of this contract, as proof that the required insurances exist and that it will comply with all terms, requirements and conditions in respect of insurance applicable to this agreement.

### **20. COMPLIANCE WITH LEGISLATURE**

20.1 All successful Tenderers, Tendering on items where labour and/or equipment are included, shall enter into an agreement with Mintek, indemnifying Mintek from the provisions of the Occupational Health and Safety Act (85 of 1993).

20.2 The Contractor is to ensure compliance with the provisions of the Occupational Health and Safety Act (85 of 1993) & all relevant regulations, inclusive of all its employees & other Contractors on the site. The Tenderer shall provide a suitable health and safety plan appropriate for the contract tendered for.

20.3 The Contractor shall comply with all laws relating to wages and conditions generally governing the employment of labour.

### **21. WORKMEN'S COMPENSATION**

The Tenderer shall, prior to commencement of any work on site in terms hereof, give written proof that he is registered as an employer in terms of Section 80 of the Compensation for Occupational Injuries and Diseases Act, 130 of 1993 and the Tenderer shall remain registered as such for the duration of the contract awarded and shall pay all monies due to the Compensations Fund in terms of Section 15 of Act 130 of 1993. Failure to comply will result in the Tenderer being disqualified.

### 22. TERMS OF REFERENCE

The purpose of this tender is to invite suitably qualified suppliers to submit proposals for the supply of an Inductively Coupled Plasma Mass Spectrometry (ICP-MS). The instrument is required at Mintek's premises located at number 200 Malibongwe Drive, Strydom Park, Randburg.

### BACKGROUND & CONTEXT

Mintek's Analytical Chemistry Discipline (ACD) specialises in the analysis of elements for internal and external clients, covering a wide range of geological, metallurgical and environmental applications. The objective of this tender is to procure an Inductively Coupled Plasma Mass Spectrometry (ICP-MS), which will be used for research purposes and routine analysis of multi element of Base Metals (Cd, Te, Se, As, Be, Bi, Co, Cr, Ta, Hg, Nb, Mo, Ni, Sb, Pd, Ga, Sb, Zr, Zn, B, Ag, Rb, Cs, TL, In, B, W), Rare Earth elements (Ce, Dy, Er, Eu, Gd, Ho, La, Lu, Nd, Pr, Sm, Tb, Tm, Y, Yb), Precious Metals (Au, Pt, Pd, Rh, Ru, Ir), U, Th and Environmental samples.

### 23. SPECIFICATIONS

#### High Performance, Benchtop, Triple Quadrupole Inductively Coupled Plasma Mass Spectrometer (ICP-MS) System:

##### The Spectrometer:

- The spectrometer must be a triple quadrupole inductively coupled plasma mass spectrometer (ICP-MS) system.
- The ICP-MS must be a bench-top design, for the analysis of trace elements in a variety of samples including environmental, geochemical, and metallurgical.
- All service connections should be located on the side or front of the instrument allowing full access to all necessary components for maintenance of the instrument without requiring pulling the instrument away from the wall.
- The instrument must offer an open architecture and full flexibility for hyphenation to a number of different peripherals or accessories such as laser ablation, GC, IC and HPLC.
- Measurement techniques for qualitative, quantitative and isotope ratio measurement of analytes should be included.
- The system shall be equipped with 3 argon Plasma Gas Flow Controllers for the operation of the plasma: coolant, auxiliary, nebulizer.



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- The system shall be equipped with a collision reaction cell with 2 channels and independent Mass Flow Controllers (MFCs) as standard. The MFCs of the collision reaction cell should be designed to provide optimal flow rates for each of the reactive gases used on the system to ensure accurate and stable operation. Two gas specific mass flow controllers with dedicated flow ranges deliver O<sub>2</sub> and He in a safe and compliant manner.
- The system shall have 2 optional additional MFCs for the introduction of additional and peripheral gases to the plasma (0- 250 or 0-1000 mL. min<sup>-1</sup>). These MFCs shall have independent optimization to allow full flexibility and tuning of the total gas flow to the plasma. Fully software controlled allowing for introduction of gases into the spray chamber (e.g. O<sub>2</sub> for the analysis of organic solvents or Ar for Gas Dilution) or to supply gases for coupled accessories.

### **The Sample Introduction System:**

- The instrument will include an open architecture sample introduction system with the nebulizer and spray chamber mounted externally to the torch box / RF environment, for ease of access and maintenance.
- A Peltier cooled, temperature controlled, low volume, cyclonic spray chamber with an additional gas port and a high performance concentric nebulizer (made of glass and PFA) shall be provided for optimum stability with fast washout and minimum cross contamination.
- The Peltier temperature setting can be user defined in the range -10 to +20 °C.
- A demountable quartz ICP torch with a screw fit injector shall be provided for ease of alignment. The torch should be mounted in a “snap-in” holder and be self-locating to minimize the need for torch alignment when re-installing after routine cleaning. The torch assembly will also feature “connection free” operation for all torch gases, i.e. no fittings need to be touched during exchange of the torch.
- The torch position must be adjustable in x, y, z planes under computer control to enable the plasma position to be optimized whilst the plasma is lit, in complete safety to the operator.
- The injector used for general use shall have an injector diameter > 2 mm. Injectors with different diameters and materials for specialized sample analysis should be available. Screw-in, self-aligning injector for simplicity and reproducibility.

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- A HF resistant sample delivery system comprising inert nebulizer, spray chamber and demountable torch with a sapphire or Pt injector shall be optionally available.
- Sample introduction shall be via an integral, close coupled, low pulsation, 12 roller, 4-channel peristaltic pump with roller arms that ensure even tension across peri-pump tubing for optimum signal stability. The rollers shall be metal free. The pump speed shall be computer controlled to provide programmable sample pumping both during and between acquisitions. The pump should have a dedicated channel for tubings with larger diameter for use as drain line.

### Interface:

- The ion source shall consist of an integral, water cooled, digital solid state, RF generator at a frequency of ~ 27 MHz with fast, dynamic frequency matching and a continuously variable output power from 400 to 1600 watts.
- The ion source should not require a grounded shield for operation in any plasma mode, including cool plasma settings.
- The system should make use of a water cooled load coil with PTFE coating for improved lifetime and reliable plasma ignition.
- Complete shielding of the ICP source from stray UV and RF emissions shall be provided. A viewing window with UV protection shall be included to enable the operator to view the plasma and sample cone in complete safety. In addition, the ability to remote view the plasma on the instrument PC via an integrated camera stream should be provided.
- A unique, front opening interface shall transmit the ions from the ICP into the mass analyzer. The interface design should facilitate ease of maintenance of the cones and extraction lens by locating these components on a retractable assembly.
- The interface shall be equipped with an automatic isolation slide valve system to permit routine maintenance of the sampler, skimmer cones and if required the extraction lens without venting the analyzer chamber.
- The sampler and skimmer cones should be constructed from high purity Ni. Pt tipped sample cones can be offered as optional items.
- Cones should be rapidly removed by a single (magnetic) tool.
- The system should have a low-voltage extraction lens system. This lens system must be housed in the opening interface assembly to facilitate user maintenance without breaking

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the main analyser vacuum. This lens system should be easily accessible to the user and removable without the use of any tools.

### Quadrupoles:

- A single split flow turbo pump will evacuate the ion lens and analyzer regions backed by a single rotary vane pump that also evacuates the interface region. It shall be possible to site the rotary pump remotely to the spectrometer for reduced noise and atmospheric contamination.
- The ion optics should include a 90 degree, 3D focusing, fixed voltage lens to ensure high ion transmission across the full mass range by deflecting and focusing positively charged ions into the Collision Reaction Cell and complete rejection of neutrals and photons from the ion beam. The ion deflection assembly should never require cleaning and is not a consumable.
- Q1 quadrupole should be a high frequency quadrupole mass analyzer consisting of a fully functional quadrupole rod capable of discriminating ionic masses based on mass-to-charge ratios, with pre and post-filter for isolation of wanted ions.
- Q2 QCell collision/ reaction cell should be a zero maintenance, small volume collision/reaction cell and be provided with two gas-specific mass flow controllers with dedicated flow ranges to deliver O<sub>2</sub> and He in a safe and compliant manner.
- Q3 quadrupole should be a quadrupole mass analyzer consisting of a fully functional quadrupole rod capable of discriminating ionic masses based on mass-to-charge ratios.

### Q3 Quadrupole:

- The Mass range: 2 – 260 amu (mass range of + 2 is advantageous).
- The Scan speed: The scan speed of the mass spectrometer must be > 3700 amu/s Li to U with acquisition points at 40 interval masses.
- The Mass Stability:  $\leq \pm 0.025$  u per day.
- The spectrometer shall include an integral 3-stage differentially pumped vacuum system with no requirement for an additional turbo pump.

### Detection Limits:

- (i) SQ Mode (ng/L)  
9Be <0.5

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- 115In <0.1  
209Bi <0.1  
(ii) SQ-KED Mode (ng/L)  
9Be <0.5  
115In <0.1  
209Bi <0.1  
(iii) TQ Mode (ng/L)  
32S (as SO+) <100  
31P (as PO+) <30  
78Se <1

### Detector:

- The detector shall be a discrete dynode electron multiplier with a linear dynamic range of > 10 orders of magnitude (0.1 cps to 5 x 10<sup>9</sup> cps) that measures both pulse counting and analogue signals simultaneously over 4 orders of magnitude.
- The detector should be supplied in a cradle mount to facilitate easy replacement by the user, without the need for any tools, wiring connections or realignment and without the need for a service engineer.
- The minimum time required for data acquisition by the detector must be 100 µsecs in both the pulse and analog modes to ensure no loss of analytical signal when measuring fast transient signals, such as those from laser ablation or single nanoparticle/single cell analysis.

### The Computer, Operating System & Software:

- The instrument and any accessories supplied should be computer controlled by a central-desktop PC.
- The computer must have an industry standard Intel 3GHz processor and 32 GB RAM.
- The computer must have Windows 10 64-bit operating system loaded.
- The computer must have at least two USB ports and all serial connection ports to connect the main instrument and other peripherals that are required for normal operation and are controlled by the software.
- The instrument must offer full software control of all the instrument parameters via a Windows based package.

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- The instrument software must support semi-quantitative, fully quantitative, transient signal and isotope ratio data acquisition. In addition the software must support isotope dilution calculations.
- Instrument set-up must be achievable through a one-click process that includes turning the instrument on, verifying performance and triggering of autotunes/calibrations that ensure the instrument will meet performance criteria.
- The control software must offer a fully integrated suite of quality control (QC) checks and automated actions as standard. The applicable criteria for pass/fail decisions must be fully editable by the user. Internal standard (IS) monitoring during acquisition must be available independent of other QC tests.
- A dedicated software concept that chooses the optimal measurement mode based on the selection of an element for analysis must be integrated. The software shall select the appropriate measurement mode and gas (and product ion when required).
- For triple quadrupole analysis, a suitable list of internal standards shall be automatically provided by the software for each measurement mode.
- Plasma ignition, operating power and shutdown shall be computer-controlled to enable optimized parameters to be stored in an analytical method and recalled, providing the ability to automatically alter plasma parameters during a run. Ignition of the plasma should be initiated at a single keystroke.
- Safety interlocks throughout the system shall provide a safe shutdown of the generator without damage to the instrument in the event of power failure. In addition, all failure events must be recorded in an electronic error file and must include event description, time and date.
- All adjustments between all modes of operation, including RF power, argon gas flow and plasma position shall be computer controlled with the ability to be implemented manually or completely automatically. The ability to switch between hot and cool plasma conditions within a single aspiration of a sample must be included.
- The mass analyzer system shall be capable of operation in either single quad and/or triple quad modes, which should be automatically selected by the software or can be pre-selected by the end-user.

### Auto Sampler:

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- The auto sampler with sample probe, wash-up device, wash reservoir, power supplier and complete connection kit to the ICP-MS and computer must be provided.
- The auto sampler must be able to accommodate a minimum of 240 samples.
- The auto sampler must have a complete cover kit including extraction duct hosing.

### 24. EVALUATION OF THE PROPOSAL

Tender proposals will be evaluated in accordance with the 80/20 preference point system, as contemplated in the Preferential Procurement Regulations, 2022 pertaining to the Preferential Procurement Policy Framework Act (PPPFA) (Act 5 of 2000).

#### **24.1 Phase 1: Administrative Responses**

Without limiting the generality of Mintek's other critical requirements for this bid, a bidder(s) must submit the documents listed in the table below. All documents must be completed and signed by the duly authorised representative of the prospective bidder(s). A bidder's proposal may be disqualified for non-submission of any of the documents.

Administrative documents	Tick if submitted	
	Yes	No
MTF 01: Financial Offer and Price Declaration	Yes	No
MTF 02: Price	Yes	No
MTF 03: Validity of Tender Price	Yes	No
MTF 04: Form of Offer and Acceptance	Yes	No
MTF 05: Service Provider Declaration Form and Experience	Yes	No
MTF 06: Bank Details Form	Yes	No
SBD 6.1: Preference Points Claim Form in terms of the Preferential Procurement Regulations 2022	Yes	No
SBD 4: Bidder's Disclosure	Yes	No
Central Supplier Database (CSD) Report	Yes	No

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Joint Venture, Consortium, or Partnership agreement signed by all parties of agreement (if applicable)	Yes	No
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### **24.2 Phase 2: Mandatory Technical**

Bidder to complete the table below by indicating “yes” or “no” to confirm whether this requirement is met and provide supporting evidence.

Supporting documentation or evidence should be attached to this document, if no evidence is provided, it will be assumed that the specification cannot be met. The bidder’s response will be validated against the supporting evidence to confirm the conformance of the proposed instrument to the mandatory technical requirements.

Supporting documentation should take the form of technical specifications, datasheets, technical drawings, brochures, etc. Supporting documents should have page numbers for ease of reference.

#	COMPULSORY SPECIFICATIONS	TICK/ STATE YES OR NO	REFERENCE DOCUMENT & PAGE
<b>THE SPECTROMETER</b>			
1	The spectrometer must be a triple quadrupole inductively coupled plasma mass spectrometer (ICP-MS) system.		
2	The ICP-MS must be a bench-top design, for the analysis of trace elements in a variety of samples including environmental, geochemical, and metallurgical.		
3	All service connections should be located on the side or front of the instrument allowing full access to all necessary components for maintenance of the instrument without requiring pulling the instrument away from the wall.		
4	The instrument must offer an open architecture and full flexibility for hyphenation to a number of		

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	different peripherals or accessories such as laser ablation, GC, IC and HPLC.		
5	Measurement techniques for qualitative, quantitative and isotope ratio measurement of analytes should be included.		
6	The system shall be equipped with 3 argon Plasma Gas Flow Controllers for the operation of the plasma: coolant, auxiliary, nebulizer.		
7	The system shall be equipped with a collision reaction cell with 2 channels and independent Mass Flow Controllers (MFCs) as standard. The MFCs of the collision reaction cell should be designed to provide optimal flow rates for each of the reactive gases used on the system to ensure accurate and stable operation. Two gas specific mass flow controllers with dedicated flow ranges deliver O <sub>2</sub> and He in a safe and compliant manner.		
8	The system shall have 2 optional additional MFCs for the introduction of additional and peripheral gases to the plasma (0- 250 or 0-1000 mL. min <sup>-1</sup> ). These MFCs shall have independent optimization to allow full flexibility and tuning of the total gas flow to the plasma. Fully software controlled allowing for introduction of gases into the spray chamber (e.g. O <sub>2</sub> for the analysis of organic solvents or Ar for Gas Dilution) or to supply gases for coupled accessories.		
<b>THE SAMPLE INTRODUCTION SYSTEM</b>			
9	The instrument will include an open architecture sample introduction system with the nebulizer and spray chamber mounted externally to the torch box		



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	/ RF environment, for ease of access and maintenance.		
10	A Peltier cooled, temperature controlled, low volume, cyclonic spray chamber with an additional gas port and a high performance concentric nebulizer (made of glass and PFA) shall be provided for optimum stability with fast washout and minimum cross contamination.		
11	The Peltier temperature setting can be user defined in the range -10 to +20 °C.		
12	A demountable quartz ICP torch with a screw fit injector shall be provided for ease of alignment. The torch should be mounted in a “snap-in” holder and be self-locating to minimize the need for torch alignment when re-installing after routine cleaning. The torch assembly will also feature “connection free” operation for all torch gases, i.e. no fittings need to be touched during exchange of the torch.		
13	The torch position must be adjustable in x, y, z planes under computer control to enable the plasma position to be optimized whilst the plasma is lit, in complete safety to the operator.		
14	The injector used for general use shall have an injector diameter > 2 mm. Injectors with different diameters and materials for specialized sample analysis should be available. Screw-in, self-aligning injector for simplicity and reproducibility.		
15	A HF resistant sample delivery system comprising inert nebulizer, spray chamber and demountable torch with a sapphire or Pt injector shall be optionally available.		

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16	Sample introduction shall be via an integral, close coupled, low pulsation, 12 roller, 4-channel peristaltic pump with roller arms that ensure even tension across peri-pump tubing for optimum signal stability. The rollers shall be metal free. The pump speed shall be computer controlled to provide programmable sample pumping both during and between acquisitions. The pump should have a dedicated channel for tubings with larger diameter for use as drain line.		
<b>INTERFACE</b>			
17	The ion source shall consist of an integral, water cooled, digital solid state, RF generator at a frequency of ~ 27 MHz with fast, dynamic frequency matching and a continuously variable output power from 400 to 1600 watts		
18	The ion source should not require a grounded shield for operation in any plasma mode, including cool plasma settings.		
19	The system should make use of a water cooled load coil with PTFE coating for improved lifetime and reliable plasma ignition.		
20	Complete shielding of the ICP source from stray UV and RF emissions shall be provided. A viewing window with UV protection shall be included to enable the operator to view the plasma and sample cone in complete safety. In addition, the ability to remote view the plasma on the instrument PC via an integrated camera stream should be provided.		
21	A unique, front opening interface shall transmit the ions from the ICP into the mass analyzer. The interface design should facilitate ease of		

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	maintenance of the cones and extraction lens by locating these components on a retractable assembly.		
22	The interface shall be equipped with an automatic isolation slide valve system to permit routine maintenance of the sampler, skimmer cones and if required the extraction lens without venting the analyzer chamber.		
23	The sampler and skimmer cones should be constructed from high purity Ni. Pt tipped sample cones can be offered as optional items.		
24	Cones should be rapidly removed by a single (magnetic) tool.		
25	The system should have a low-voltage extraction lens system. This lens system must be housed in the opening interface assembly to facilitate user maintenance without breaking the main analyser vacuum. This lens system should be easily accessible to the user and removable without the use of any tools.		
<b>QUADRUPOLES</b>			
26	A single split flow turbo pump will evacuate the ion lens and analyzer regions backed by a single rotary vane pump that also evacuates the interface region. It shall be possible to site the rotary pump remotely to the spectrometer for reduced noise and atmospheric contamination.		
27	The ion optics should include a 90 degree, 3D focusing, fixed voltage lens to ensure high ion transmission across the full mass range by deflecting and focusing positively charged ions into the Collision Reaction Cell and complete		

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	rejection of neutrals and photons from the ion beam. The ion deflection assembly should never require cleaning and is not a consumable		
28	Q1 quadrupole should be a high frequency quadrupole mass analyzer consisting of a fully functional quadrupole rod capable of discriminating ionic masses based on mass-to-charge ratios, with pre and post-filter for isolation of wanted ions.		
29	Q2 QCell collision/reaction cell should be a zero maintenance, small volume collision/reaction cell and be provided with two gas-specific mass flow controllers with dedicated flow ranges to deliver O2 and He in a safe and compliant manner.		
30	Q3 quadrupole should be a quadrupole mass analyzer consisting of a fully functional quadrupole rod capable of discriminating ionic masses based on mass-to-charge ratios.		
31	<b>Q3 Quadrupole:</b>		
	a. The Mass range: 2 – 260 amu (mass range of + 2 is advantageous)		
	b. The Scan speed: The scan speed of the mass spectrometer must be > 3700 amu/s Li to U with acquisition points at 40 interval masses.		
	c. The Mass Stability: <± 0.025 u per day		
32	The spectrometer shall include an integral 3-stage differentially pumped vacuum system with no requirement for an additional turbo pump.		
<b>DETECTION LIMITS</b>			
33	SQ Mode (ng/L)		
	9Be <0.5		

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	115In <0.1		
	209Bi <0.1		
34	SQ-KED Mode (ng/L)		
	9Be <0.5		
	115In <0.1		
	209Bi <0.1		
35	TQ Mode (ng/L)		
	32S (as SO+) <100		
	31P (as PO+) <30		
	78Se <1		
<b>DETECTOR</b>			
36	The detector shall be a discrete dynode electron multiplier with a linear dynamic range of > 10 orders of magnitude (0.1 cps to 5 x 10 <sup>9</sup> cps) that measures both pulse counting and analogue signals simultaneously over 4 orders of magnitude.		
37	The detector should be supplied in a cradle mount to facilitate easy replacement by the user, without the need for any tools, wiring connections or realignment and without the need for a service engineer		
38	The minimum time required for data acquisition by the detector must be 100 µsecs in both the pulse and analog modes to ensure no loss of analytical signal when measuring fast transient signals, such as those from laser ablation or single nanoparticle/single cell analysis		
<b>THE COMPUTER, OPERATING SYSTEM &amp; THE SOFTWARE</b>			

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39	The instrument and any accessories supplied should be computer controlled by a central-desktop PC.		
40	The computer must have an industry standard Intel 3GHz processor and 32 GB RAM.		
41	The computer must have Windows 10 64-bit operating system loaded.		
42	The computer must have at least two USB ports and all serial connection ports to connect the main instrument and other peripherals that are required for normal operation and are controlled by the software.		
43	The instrument must offer full software control of all the instrument parameters via a Windows based package.		
44	The instrument software must support semi-quantitative, fully quantitative, transient signal and isotope ratio data acquisition. In addition the software must support isotope dilution calculations.		
45	Instrument set-up must be achievable through a one-click process that includes turning the instrument on, verifying performance and triggering of autotunes/calibrations that ensure the instrument will meet performance criteria.		
46	The control software must offer a fully integrated suite of quality control (QC) checks and automated actions as standard. The applicable criteria for pass/fail decisions must be fully editable by the user. Internal standard (IS) monitoring during acquisition must be available independent of other QC tests.		

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47	A dedicated software concept that chooses the optimal measurement mode based on the selection of an element for analysis must be integrated. The software shall select the appropriate measurement mode and gas (and product ion when required).		
48	For triple quadrupole analysis, a suitable list of internal standards shall be automatically provided by the software for each measurement mode.		
49	Plasma ignition, operating power and shutdown shall be computer-controlled to enable optimized parameters to be stored in an analytical method and recalled, providing the ability to automatically alter plasma parameters during a run. Ignition of the plasma should be initiated at a single keystroke.		
50	Safety interlocks throughout the system shall provide a safe shutdown of the generator without damage to the instrument in the event of power failure. In addition, all failure events must be recorded in an electronic error file and must include event description, time and date.		
51	All adjustments between all modes of operation, including RF power, argon gas flow and plasma position shall be computer controlled with the ability to be implemented manually or completely automatically. The ability to switch between hot and cool plasma conditions within a single aspiration of a sample must be included.		
52	The mass analyzer system shall be capable of operation in either single quad and/or triple quad modes, which should be automatically selected by		

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	the software or can be pre-selected by the end-user.		
<b>AUTOSAMPLER</b>			
53	The autosampler with sample probe, wash-up device, wash reservoir, power supplier and complete connection kit to the ICP-MS and computer must be provided.		
54	The autosampler must be able to accommodate a minimum of 240 samples.		
55	The auto sampler must have a complete cover kit including extraction duct hosing.		

### **24.3 Phase 3: Functionality**

The following functionality criteria will be used for evaluating all tenders/ bid proposals. The functional evaluation process will be based on the bidder's response in respect of the proposal evaluated on the minimum offering. Proposals must score a minimum of **75 points** to qualify for further evaluation.

#### **24.3.1 Framework for Evaluation of Functionality Criteria**

NO.	EVALUATION CRITERIA	POINTS
1.	<b>Delivery within 8 to 12 weeks</b> Bidder must submit a signed letter of commitment.  Provided = 15 points Not provided = 0 points	15
2.	<b>Training of Mintek personnel after commissioning</b>  The bidder must provide training (for equipment and software use) to 6 Mintek personnel after commissioning. A certificate of training must be awarded to trained personnel.	20



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	<p>Bidders to provide a commitment statement to this effect as well as details of the training.</p> <p>Evidence of commitment to train personnel must be submitted in the technical folder.</p> <p>Provided = 20 points</p> <p>Not provided = 0 points</p>	
3.	<p><b>A minimum of twelve (12) months warranty</b></p> <p>Supplier to provide the instrument with a minimum warranty of 12 months after commissioning. Details of the warranty to be specified.</p> <p>Exclusions to be specified.</p> <p>Provided = 30 points</p> <p>Not provided = 0 points</p>	30
4.	<p><b>Service, repairs and support within 24 hours of call out</b></p> <p>Bidders to provide a letter of commitment.</p> <p>Provided = 10 points</p> <p>Not provided = 0 points</p>	10
5.	<p><b>List of service engineers and training records of ICP-MS service training</b></p> <p>The bid to include the supplier's list of service engineers (minimum of 2) in South Africa and their training records on ICP-MS service training.</p> <p>Provided 2 service engineers who are in South Africa and their training record on ICP-MS service training = 10 points</p> <p>Provided 1 service engineer that is in South Africa and their training record on ICP-MS service training = 5 points</p> <p>Not provided = 0 points</p>	10
6.	<p><b>References</b></p> <p>Bidders to provide 3 verifiable references from clients for delivering the same or similar instrument. The references must be on the client's letterhead and signed by the client.</p>	15

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	3 verifiable independent references provided = 15 points 2 verifiable independent references provided = 10 points 1 verifiable independent reference provided = 5 points No verifiable independent references provided = 0 points	
<b>TOTAL POINTS</b>		<b>100</b>

Bidders who score a minimum **75 points** for functionality will be considered for further evaluation.

### **24.4 Phase 4: Price & Specific Goal**

<b>Evaluation Criteria</b>	<b>Final Weighted Scores</b>
<b>Price</b>	<b>80</b>
<b>South African owned enterprises</b>	<b>20</b>
<b>Total Score:</b>	<b>100</b>

- Bidders must submit CIPC documents

### **24.6 Quality of proposal**

24.6.1 Ensure that all the document attachments are clearly marked and the tender proposal is submitted in a clear, logical and well-marked format together with an index.

24.6.2. An introductory covering letter using the company's official stationary (letterhead) reflecting the company's name and address should accompany the tender proposal.

# Mintek Request for Proposal

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## TENDER DOCUMENT

### SECTION B: MINTEK TENDER FORMS (MTF) FOR COMPLETION

<b>B1 – FINANCIAL OFFER FORMS</b>
<b>MTF 01: Financial Offer and Price Declaration</b>
<b>MTF 02: Price</b>
<b>MTF 03: Validity of Tender Price</b>
<b>MTF 04: Form of Offer and Acceptance</b>
<b>B2 – STANDARD BIDDING DOCUMENTS</b>
<b>MTF 05: Service Provider Declaration Form and Experience</b>
<b>MTF 06: Bank Details Form</b>
<b>SBD 6.1: Preference Points Claim Form in terms of the Preferential Procurement Regulations 2022</b>
<b>SBD 4: Bidder's Disclosure</b>

# Mintek Request for Proposal

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**MTF 01**

## **MTF 01: Financial Offer and Price Declaration**

I/ We have examined the information provided in your tender document and offer to undertake the work prescribed in accordance with the requirements as set out in the tender document. The tender price quoted in this tender is valid for the stipulated period. I/We confirm the availability of the proposed team members. I/We confirm that this tender will remain binding upon us and may be accepted by you at any time before the expiry date.

Name and Surname: .....

Signature: .....

Date: .....

Are you duly authorized to  
commit this tender:

Yes	No
-----	----

Capacity under which this tender  
is signed: .....

**TOTAL TENDER PRICE**  
**Total Cost of Ownership (TCO)**  
**to Mintek**  
**(Inclusive of VAT, Discounts,**  
**etc.)**

R\_\_\_\_\_

## Mintek Request for Proposal

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MTF 02

### MTF 02: Price

Description	Cost
Cost of Instrument	
Installation	
Commissioning	
Delivery	
Training of 6 Mintek personnel after commissioning	
Other	
<b>TOTAL TENDER PRICE</b> <b>Total Cost of Ownership (TCO) to Mintek</b> <b>(Inclusive of VAT, Discounts, etc.)</b>	

## Mintek Request for Proposal

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**MTF 03**

### **MTF 03: Validity of Tender Price**

The Bidder is required to complete the following information on the duration for acceptance of the tender price, as follows:

The tender price holds good until:

.....  
(State alternative period if less than 90 days  
after tender closure date)

Print Name: .....

Signature of Tenderer: .....

Name of Company: .....

Date: .....

# Mintek Request for Proposal

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**MTF 04**

## **MTF 04: Form of Offer and Acceptance**

### **Offer**

Mintek, identified in the Acceptance signature block, has solicited offers to enter into a contract in respect of the following works: ..... (Enter full description of project here)

The Tenderer, identified in the Offer signature block, has examined the documents listed in the Tender Data and addenda thereto as listed in the returnable schedules, and by submitting this Offer has accepted the Conditions of Tender.

By the representative of the Tenderer, deemed to be duly authorised, signing this part of this Form of Offer and Acceptance, the Tenderer offers to perform all of the obligations and liabilities of the Contractor under the Contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the Conditions of Contract.

### **THE OFFERED TOTAL OF THE PRICES INCLUSIVE OF VALUE ADDED TAX IS**

..... Rand (in words);

R..... (In figures)

This offer may be accepted by Mintek by signing the Acceptance part of this Form of Offer and Acceptance and returning one copy of this document to the Tenderer before the end of the period of validity stated in the Tender Data, whereupon the Tenderer becomes the party named as the Contractor in the Conditions of Contract identified in the Contract Data.

## Mintek Request for Proposal

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### For the Tenderer

- 2) I hereby undertake to supply all or any of the goods and/or works described in the attached bidding documents to Mintek in accordance with the requirements and specifications stipulated in bid number .....at the price/s quoted. My offer/s remain binding upon me and open for acceptance by Mintek during the validity period indicated and calculated from the closing time of bid.
- 3) The following documents shall be deemed to form and be read as part of this agreement:
- 4) I confirm that I have satisfied myself as to the correctness and validity of my bid; that the price(s) and rate(s) quoted cover all the goods and/or works specified in the bidding 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. Bidding documents, viz
    - Invitation to bid
    - Tax clearance certificate
    - Pricing schedule(s)
    - Technical specification(s)
    - Declaration of interest
    - Special Conditions of Contract
  - ii. General Conditions of Contract; and
  - iii. Other (specify)
- 5) I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me under this agreement as the principal liable for the due fulfilment of this contract.
- 6) I declare that I have no participation in any collusive practices with any bidder or any other person regarding this or any other bid.
- 7) I confirm that I am duly authorised to sign this contract.

Signature : .....

Name : .....

Capacity : .....

Date : .....



## Mintek Request for Proposal

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Name and address of organisation

.....

.....

Signature and name of witness

Signature : .....

Name : .....

Date : .....

# Mintek Request for Proposal

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## **Acceptance**

By signing this part of this Form of Offer and Acceptance, Mintek accepts the Tenderer's Offer. In consideration thereof, Mintek shall pay the Contractor the amount due in accordance with the Conditions of Contract identified in the Contract Data. Acceptance of the Tenderer's Offer shall form an agreement between Mintek and the Tenderer upon the terms and conditions contained in this Agreement and in the Contract that is the subject of this Agreement.

The terms of the contract, are contained in:

1. The Proposal, (which includes this Agreement)
2. Pricing Data
3. Scope of Work
4. Site information

Deviations from and amendments to the documents listed in the Tender Document and any addenda thereto as listed in the Tender Schedules/annexures as well as any changes to the terms of the Offer agreed by the Tenderer and Mintek during this process of offer and acceptance, are contained in the Schedule of Deviations attached to and forming part of this Agreement. No amendments to or deviations from said documents are valid unless contained in this Schedule, which must be duly signed by the authorised representative(s) of both parties.

The Tenderer shall within two weeks after receiving a completed copy of this Agreement, including the Schedule of Deviations (if any), contact Mintek (whose details are given in the Acceptance form) to arrange the delivery of any bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the Conditions of Contract identified in the Contract Data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this Agreement.

Notwithstanding anything contained herein, this Agreement comes into effect on the date when the Tenderer receives one fully completed original copy of this document, including the Schedule of Deviations (if any). Unless the Tenderer (now Contractor) within five working days of the date of such receipt notifies Mintek in writing of any reason why he cannot accept the contents of this Agreement, this Agreement shall constitute a binding contract between the parties.

## **For Mintek**

Signature : .....

Name : .....

Capacity : .....

## Mintek Request for Proposal

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Date : .....

Name and address of organization

.....

.....

Signature and name of witness

Signature : .....

Name : .....

Date : .....

## Mintek Request for Proposal

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MTF 05

### MTF 05: Service Provider Declaration Form and Experience

Tenderers must complete the Service Provider's Declaration Form.

#### SERVICE PROVIDER DECLARATION FORM

**NB: Should your form not be completed in full with your Tender/ Proposal, your submission may be rejected. Information in this questionnaire received will be treated with confidentiality.**

COMPANY NAME: \_\_\_\_\_

COMPLETED BY: \_\_\_\_\_  
Full name and Surname

DESIGNATION: \_\_\_\_\_

DATE: \_\_\_\_\_

**IMPORTANT NOTES: PLEASE READ CAREFULLY**

## Mintek Request for Proposal

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MTF 05

To be completed by all Service Providers responding to a tender/ proposal or upon registration as an approved service provider on the procurement data base;

The application must be completed in full, be signed and commissioned by a Commissioner of Oaths where required.

A company profile must accompany the registration form but will not be accepted as a substitute for the application form – all fields on the application form must be completed by the tenderer.

**Attach the following:**

- Tax compliance status
- Copy of Registration Certificate (CC or Pty Ltd), Articles of Association and Memorandum of Agreement, whichever is applicable.
- Company profile including experience.
- A copy of the previous three years audited/ signed-off financial statements.
- Copies of SABS or any other rating or accreditation, certificates etc. where applicable.

## Mintek Request for Proposal

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MTF 05

SERVICE PROVIDER DETAILS		
Registered Name of the Company:		
Trading Name of the Company:		
Company/ Close Corporation Registration Number:	VAT Registration Number:	Income Tax Reference Number:
Telephone Number:		Fax Number:
Web Address:		E-mail Address:
Name of Contact Person:		Contact Numbers Cell:
Business Physical Address: ..... ..... ..... .....		Postal Address: ..... ..... ..... .....
Web Address:		E-mail Address:
<b>TYPE OF FIRM</b> (Please the relevant box or boxes)		
<input type="checkbox"/> <b>Public Company (Ltd)</b>		
<input type="checkbox"/> <b>Private Company (Pty) Ltd</b>		
<input type="checkbox"/> <b>Closed Corporation (CC)</b>		
<input type="checkbox"/> <b>Sole Proprietor</b>		
<input type="checkbox"/> <b>Partnership</b>		

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<input type="checkbox"/> <b>Trust</b>
<input type="checkbox"/> <b>Section 21 Company</b>
<input type="checkbox"/> <b>Government/ Parastatal</b>
<input type="checkbox"/> <b>Joint Venture</b>
<input type="checkbox"/> <b>Consortium</b>

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MTF 05

<input type="checkbox"/> Other, (Specify) .....
<b>PARTICIPATION CAPACITY</b> (Please the relevant box or boxes)
<input type="checkbox"/> Prime Contractor
<input type="checkbox"/> Sub-Contractor
<input type="checkbox"/> Supplier
<input type="checkbox"/> Services including Professional
<input type="checkbox"/> Manufacturer
<input type="checkbox"/> Repairer
<input type="checkbox"/> ISO Listed
<input type="checkbox"/> Importer
<input type="checkbox"/> Exporter
<input type="checkbox"/> Distributor
<input type="checkbox"/> Sales
<b>BUSINESS SECTOR</b> (Please the relevant box or boxes)
<input type="checkbox"/> Agriculture
<input type="checkbox"/> Mining and Quarrying
<input type="checkbox"/> Manufacturing
<input type="checkbox"/> Electricity, Gas and Water
<input type="checkbox"/> Construction
<input type="checkbox"/> Retail and Motor trade
<input type="checkbox"/> Wholesale trade, commercial and other trade
<input type="checkbox"/> Catering, accommodation and other
<input type="checkbox"/> Transport, storage and other trade
<input type="checkbox"/> Communications
<input type="checkbox"/> Finance and Business Services
<input type="checkbox"/> Repair/Allied Services
<input type="checkbox"/> Commercial Agents
<input type="checkbox"/> Community and Social Services
<input type="checkbox"/> Personal Services
<input type="checkbox"/> Other, (Specify).....



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MTF 05

<b>SMALL, MEDIUM, MICRO ENTERPRISE (SMME) STATUS</b> (Please the relevant box)						
<input type="checkbox"/> <b>Micro</b>						
<input type="checkbox"/> <b>Very Small</b>						
<input type="checkbox"/> <b>Small</b>						
<input type="checkbox"/> <b>Medium</b>						
<input type="checkbox"/> <b>Large</b>						
<b>TOTAL NUMBER OF EMPLOYEES</b> (Please the relevant box and state the number)						
<input type="checkbox"/> <b>Full Time</b> <b>Number:</b> .....						
<input type="checkbox"/> <b>Part Time</b> <b>Number:</b> .....						
<b>LIST ALL PARTNERS, PROPRIETORS &amp; SHAREHOLDERS AS INDICATED BELOW (COMPULSORY)</b>						
NAME AND SURNAME	IDENTITY NUMBER	CITIZEN SHIP	DATE OF OWNER SHIP	% OF OWNE RSHIP	SPECIFY STATUS IF HDI, WOMEN, OR DISABLED	% VOTING
<b>LIST AND IDENTIFY ANY OWNER OR MANAGEMENT OFFICE BEARER WHO HAS AN OWNERSHIP INTEREST IN ANOTHER FIRM</b>						
NAME AND SURNAME	IDENTITY NUMBER	CITIZEN SHIP	DATE OF OWNER SHIP	% OF OWNE RSHIP	SPECIFY STATUS IF HDI, WOMEN OR DISABLED	% VOTING

Company Name: \_\_\_\_\_

Initials: \_\_\_\_\_

**Mintek Request for Proposal**

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## Mintek Request for Proposal

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MTF 05

**IDENTIFY ANY OWNER OR MANAGEMENT OFFICER WHO IS AN EMPLOYEE OR HAS DUTIES IN ANOTHER BUSINESS ENTERPRISE**

NAME AND SURNAME	IDENTITY NUMBER	CITIZENSHIP	DATE OF OCCUPATION	DESIGNATION	SPECIFY STATUS IF HDI, WOMEN OR DISABLED	% TIME DEVOTED

**LIST THE MAJOR ITEMS OF EQUIPMENT, PLANT AND VEHICLES OWNED BY THE FIRM**

ITEM DESCRIPTION	QUANTITY	ESTIMATED VALUE

**INDICATE BY NAME AND STATUS, THOSE INDIVIDUALS IN THE FIRM (INCLUDING OWNERS AND NON-OWNERS) RESPONSIBLE FOR THE DAY TO DAY MANAGEMENT AND BUSINESS DECISIONS**

ACTIVITY	NAME AND SURNAME	RACE	GENDER (MALE/FEMALE)	DISABLED (YES/NO)

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FINANCIAL DECISIONS				
Cheque Signing				
Acquisition of lines of credit				
Sureties				
Major Purchase or Acquisition				
Signing of Contract				

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MTF 05

MANAGEMENT DECISIONS				
Estimating				
Marketing and Sales Operation				
Hiring & Firing of Management				
Supervision of Office Personnel				
Supervision of Field/ Production Activities				
<b>CLIENT DETAILS WHERE SIMILAR PROJECTS TO THIS TENDER HAVE BEEN UNDERTAKEN</b>				
Company/ Institution Name				
Address				
Contact Person		Telephone:		
Value of contract	R	Date:		
Description of Work				
<b>Company/ Institution Name</b>				
Address				
Contact Person		Telephone:		
Value of contract	R	Date:		
Description of Work				
<b>Company/ Institution Name</b>				
Address				

Company Name: \_\_\_\_\_

Initials: \_\_\_\_\_

## Mintek Request for Proposal

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Contact Person		Telephone:
Value of contract	R	Date:
Description of Work		

## Mintek Request for Proposal

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MTF 05

<b>Company/ Institution Name</b>		
Address		
Contact Person		Telephone:
Value of contract	R	Date:
Description of Work		
<b>Company/ Institution Name</b>		
Address		
Contact Person		Telephone:
Value of contract	R	Date:
Description of Work		
<b>LIST YOUR CURRENT MAIN CLIENTS BELOW</b>		
<b>Client</b>		
Rand Value P.A.	R	% Turnover:
Contact Person		Telephone:
<b>Client</b>		
Rand Value P.A.	R	% Turnover:
Contact Person		Telephone:
<b>Client</b>		
Rand Value P.A.	R	% Turnover:
Contact Person		Telephone:
<b>Client</b>		
Rand Value P.A.	R	% Turnover:

Company Name: \_\_\_\_\_

Initials: \_\_\_\_\_

## Mintek Request for Proposal

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Contact Person	Telephone:	
<b>Clients</b>		
Rand Value P.A.	R	% Turnover:
Contact Person	Telephone:	



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MTF 05

GENERAL
1. Did the firm exist under a previous name? YES/ NO
If <b>YES</b> , what was its previous name?
2. Does your company/any of its employees have a vested interest in <b>MINTEK</b> ? If <b>YES</b> , state which Department within <b>MINTEK</b> the said employee/s have such vested interest
3. Indicate as to whether any of the Partners, Proprietors & Shareholders is in the service of <b>MINTEK</b> , or has been in the service of <b>MINTEK</b> in the previous twelve months?
4. At what % of full capacity are you operating?
5. What percentage of work, directly/indirectly, is for <b>MINTEK</b> ?
6. What was your average turnover (excluding VAT) during the previous three financial years?

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7. Have you previously been on an approved supplier list with <b>MINTEK</b> ? If <b>YES</b> , specify

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**MTF 05**

8. Who are your present material / equipment suppliers?


9. Does your company have an after-hours service policy? (If **YES**, specify)


10. Are warranties offered on new items / repairs etc.? If **YES**, state particulars


**MTF 06: Bank Details Form**

I/We hereby request and authorize you to pay any amounts which accrue to me/us to the credit of my/our bank account with the below-mentioned bank. I/we understand that the credit transfer hereby authorized will be processed by computer through a system known as **Electronic Funds Transfer** and I/we also understand that no additional advice of payment will be provided by my/our bank, but details of each payment will be printed on my/our bank statement or any accompanying voucher. (This does not apply where it is not customary for banks to issue bank statements.) I/we understand that a payment will be applied by **Mintek** in the normal way, and that it will indicate the date on which funds will be available in my/our account.

**Bank Account Name** : \_\_\_\_\_

**Name of Bank** : \_\_\_\_\_

**Branch Code & Name** : \_\_\_\_\_

**Account Number** : \_\_\_\_\_

Type of Account:    Cheque ☐                      Savings ☐                      Transmission ☐

**Bank details to be certified as correct by DATE STAMP of BANK:**

**Name and Surname** : \_\_\_\_\_

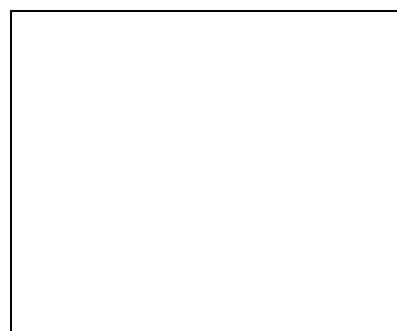
**Signature** : \_\_\_\_\_

**Designation** : \_\_\_\_\_

**Tel number** : (\_\_\_\_\_) \_\_\_\_\_

**Fax number** : (\_\_\_\_\_) \_\_\_\_\_

**DATE STAMP OF BANK**



**I/ We the undersigned, acknowledge(s) that:**

- The information furnished is true and correct.
- Any conflict of interest has been declared in writing.
- An official Mintek Purchase Order will be accepted.
- Payment of any goods delivered or services rendered will be effected within 30 days from receipt of a valid invoice.

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**NAME AND SURNAME** : .....

**SIGNATURE** : .....  
(Duly authorised to sign)

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MTF 06

### BANKING DETAILS

ON BEHALF OF : .....  
(Name of Organization)

ADDRESS : .....  
.....  
.....

TELEPHONE NUMBER : .....

DATE : .....

### REGISTERED COMMISSIONER OF OATHES:

SIGNATURE : .....

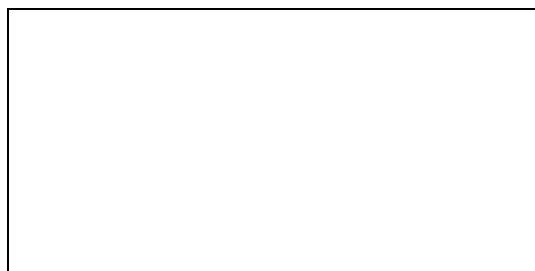
DATE : .....

### STAMP:

(Commissioner's Stamp with registered  
number)

Failure to have a copy of this document  
signed by

A Commissioner of Oaths may invalidate  
this tender/ proposal submission



**SBD 6.1: PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022**

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

**NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022**

**1. GENERAL CONDITIONS**

1.1 The following preference point systems are applicable to invitations to tender:

- (a) the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- (b) the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2 **To be completed by the organ of state**

- a) The applicable preference point system for this tender is the **80/20** preference point system.
- b) Either the **90/10 or 80/20 preference point system** will be applicable in this tender. The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.

1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:

- (a) Price; and
- (b) Specific Goals.

1.4 **To be completed by the organ of state:**

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOAL	20

# Mintek Request for Proposal

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<b>TOTAL POINTS FOR PRICE &amp; SPECIFIC GOALS</b>
--

<b>100</b>
------------

- 1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.
- 1.6 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

## 2. DEFINITIONS

- (a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) **“tender for income-generating contracts”** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) **“the Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

## 3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

### 3.1. POINTS AWARDED FOR PRICE

#### 3.1.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

$$P_s = 80 \left( 1 - \frac{P_t - P_{min}}{P_{min}} \right) \quad \text{or} \quad P_s = 90 \left( 1 - \frac{P_t - P_{min}}{P_{min}} \right)$$

Where

$P_s$  = Points scored for price of tender under consideration



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Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

### 3.2. FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME GENERATING PROCUREMENT

#### 3.2.1. POINTS AWARDED FOR PRICE

A maximum of 80 or 90 points is allocated for price on the following basis:

$$\begin{array}{ccc} \mathbf{80/20} & \mathbf{or} & \mathbf{90/10} \\ \\ \mathbf{Ps = 80 \left( 1 + \frac{Pt - P_{max}}{P_{max}} \right)} & \mathbf{or} & \mathbf{Ps = 90 \left( 1 + \frac{Pt - P_{max}}{P_{max}} \right)} \end{array}$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmax = Price of highest acceptable tender

### 4. POINTS AWARDED FOR SPECIFIC GOALS

4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:

4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—

(a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or

(b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,

then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

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**Table 1: Specific goals for the tender and points claimed are indicated per the table below.**

*(Note to organs of state: Where either the 90/10 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.)*

*(Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)*

The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Number of points claimed (80/20 system) (To be completed by the tenderer)
South African owned enterprises		20		
Non-South African owned enterprises		0		

### DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm.....

4.4. Company registration number: .....

4.5. TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
- ☐ One-person business/sole propriety
- ☐ Close corporation
- ☐ Public Company
- ☐ Personal Liability Company
- ☐ (Pty) Limited
- ☐ Non-Profit Company
- ☐ State Owned Company

[TICK APPLICABLE BOX]

4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies

## Mintek Request for Proposal

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the company/ firm for the preference(s) shown and I acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
  - (a) disqualify the person from the tendering process;
  - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
  - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
  - (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
  - (e) forward the matter for criminal prosecution, if deemed necessary.

<p>..... <b>SIGNATURE(S) OF TENDERER(S)</b></p>	
<b>SURNAME AND NAME:</b>	.....
<b>DATE:</b>	.....
<b>ADDRESS:</b>	..... ..... ..... .....

**SBD 4: BIDDER'S DISCLOSURE****1. PURPOSE OF THE FORM**

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

**2. BIDDER'S DECLARATION**

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest<sup>1</sup> in the enterprise, employed by the state? **YES / NO**

2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State institution

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<sup>1</sup> the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

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2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES / NO**

2.2.1 If so, furnish particulars:

.....  
.....

2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? **YES / NO**

2.3.1 If so, furnish particulars:

.....  
.....

### 3 DECLARATION

I, the undersigned, (name)..... in submitting the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium<sup>2</sup> will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.4 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

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<sup>2</sup> Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

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- 3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.6 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....	.....
Signature	Date
.....	.....
Position	Name of bidder