



Request for Quotation (RFQ) for the provision of services in managing technical aspects of project CASO project implementation on behalf of the NCP-C-SA for CSIR

RFQ No: 5942/28/10/2022

Date of issue	Tuesday, 11 October 2022
Closing Date and Time	Friday, 28 October 2022
RFQ Number	5942/28/10/2022
Contact details	For submission of quotations or any other enquiries: tender@csir.co.za

1 INVITATION FOR QUOTATION

Quotations are hereby invited to assist with managing the technical aspects of implementation of selected Compressed Air Systems Optimisation (CASO) projects in two sites located in Johannesburg, Gauteng Province.

2 QUOTATION REQUIREMENTS

The NCP-C-SA requires the services of a certified Compressed Air Optimisation Expert to assist with implementation of following projects:

1. Fixing of Compressed Air leaks
2. Installation of a blower to replace the inappropriate use of Compressed Air
3. Installation of grinders to replace the inappropriate use of Compressed Air to perform fettling of castings.

The body of work was divided into tasks for ease of reference:

Task 1

Fixing of Compressed Air Leaks should be an ongoing programme of a company.

- a. Standard Operational Procedures (SOPs) should be developed to aid the plant to implement the programme.

Task 2

- a. Compressed Air lines should be inspected, leaks tagged in preparation for the tender briefing with service providers that will quote on the repair

Task 3

- a. Conduct Compressed Air leakage test before implementation

Task 4

- a. Develop specification for the blower to be installed
- b. Consult with design engineers **if** required; and procure the blower

Task 5

- a. Develop specification for replacement of Compressed Air fettling with grinders. Include any shut-off valves that may be required in the Compressed Air Lines as well as the number of grinders required. Consider health and safety aspects as well as potential theft of the grinders.
- b. Procure and install

Task 6

- b. Write the pre-implementation report per site; therefore, two reports are expected. A template will be provided for this report, contents will include but not be limited to:
 - Scope and boundaries of projects
 - Project description and design intent
 - Mechanism of achieving savings and description of value
 - Proposed actions by the implementing company
 - Expected results
 - Measurement plan and metering period (include pre- and post-implementation measurement for all the projects on each site)
 - Baseline for each project on each site
 - i. Routine baseline adjustment variables
 - ii. Typical non-routine baseline adjustment variables
 - iii. Show and describe baseline (data and calculations file should be included)
 - iv. Define impact on GHG emissions and carbon impacts
 - Conclusions and recommendations

Task 7

- a. Conduct Compressed Air leakage test immediately after implementation to gauge the success of the implementation
- b. Present and implement the SOP of the leakage programme at the company, show the results of the short implementation with monetary values as well as energy values
- c. Conduct half day Compressed Air awareness training to plant personnel

Task 9

a. Write the post-implementation/case study report that includes the implementation of all of the projects on a specific site. Therefore, two post-implementation site reports are expected. It is also important to be able to distinguish savings from each project implemented. A template will be provided for this report, contents will include but not be limited to:

- Scope and boundaries of project
- Project description and design intent
- Project implementation and any discrepancies with the design intent
- Baseline and performance assessment
- Impact on GHG emissions and carbon tax
- Conclusions and recommendations

2.1 In addition to your detailed separate quotation kindly complete the table below:

<i>CASO Implementation Deliverables</i>	
<i>Task 1</i>	<i>CA leaks programme development</i>
<i>Task 2</i>	<i>CA leaks implementation development</i>
<i>Task 3</i>	<i>Pre-implementation CA leakage test</i>
<i>Task 4</i>	<i>Blower project development</i>
<i>Task 5</i>	<i>Fettling equipment project development</i>
<i>Task 6</i>	<i>Pre-implementation reports</i>
<i>Task 7</i>	<i>Management of implementation projects</i>
<i>Task 8</i>	<i>Post-implementation CA leakage test and awareness training</i>
<i>Task 9</i>	<i>Post-implementation/case study report</i>
<i>Site 1 Fees</i>	<i>Amount Excluding VAT:-----</i>
<i>Site 2 Fees</i>	<i>Amount Including VAT:-----</i>

3 ELIMINATION CRITERIA

- Submission after the deadline.
- Proposals submitted at the incorrect email address • Bidders that are registered on the National Treasury Register of Tender Defaulters
- Incomplete proposal submission
- National Treasury Restricted suppliers
- Failure to submit fully completed and signed Declaration by tenderer, SBD 1 and SBD 4

4 EVALUATION CRITERIA

- 4.1 Selection of suppliers will be based on the 80/20 preference point system.
- 4.2 Service providers can quote for all 2 sites but will only be awarded one site**
- 4.3 The CASO implementation expert should be certified NCPCC Compressed Air Systems Optimisation (CASO) expert and should have successfully completed Energy Performance Measurement Indicators (EnPMI).
- 4.4 Indicate valid B-BBEE status on quotation. No B-BBEE status will equal zero points.
- 4.5 Indicate CSD number (National Treasury Central Supplier Database) on quotation. If not registered yet on CSD, use www.csd.gov.za to register.
- 4.6 No order will be issued, or no contract will be signed without a valid CSD number.

5 PRICING QUOTATION

- 5.1 Price needs to be provided in South African Rand with details on price elements that are subject to escalation and exchange rate fluctuations clearly indicated.
- 5.2 Price should include professional service fee, travel cost and additional cost elements such as freight, insurance until acceptance, duty where applicable, etc.
- 5.3 Payment will be according to the CSIR Payment Terms and Conditions.

6 OTHER TERMS AND CONDITIONS

6.1 The supplier shall under no circumstances offer, promise or make any gift, payment, loan, reward, inducement, benefit or other advantage, which may be construed as being made to solicit any favour, to any CSIR employee or its representatives. Such an act shall constitute a material breach of the Agreement and the CSIR shall be entitled to terminate the Agreement forthwith, without prejudice to any of its rights.

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

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

8 Note: This is not a Purchase Order.

DECLARATION BY TENDERER

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

RFQ No: 5942/28/10/2022

I hereby undertake to render services described in the attached tendering documents to CSIR in accordance with the requirements and task directives / quotation specifications stipulated in **RFQ 5942/28/10/2022** at the price/s quoted. My offer/s remains binding upon me and open for acceptance by the CSIR during the validity period indicated and calculated from the closing date of the quotation.

I confirm that I am satisfied with regards to the correctness and validity of my quotation; that the price(s) and rate(s) quoted cover all the services specified in the quotation documents; that the price(s) and rate(s) cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk.

I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me under this quotation as the principal liable for the due fulfilment of this quotation.

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

I accept that the CSIR may take appropriate actions, deemed necessary, should there be a conflict of interest or if this declaration proves to be false.

I confirm that I am duly authorised to sign this quotation.

NAME (PRINT)
CAPACITY
SIGNATURE
NAME OF FIRM
DATE

WITNESSES	
1
2
DATE:

Annexure A (SBD 1 Form)

Annexure B (SBD 4 Form)