



**Request for Quotation (RFQ) for the Replacement of High Voltage Bushings of the existing 40MVA 132/11kV transformer.**

**RFQ No. 5530/09/10/2019**

Date of issue	Friday, 20 September 2019
Compulsory site briefing	Tuesday, 01 October 2019 Venue: CSIR Pretoria Site, Building 35 Time : 11h00-12h00
Closing Date and Time	Wednesday, 09 October 2019 @16h30 ( <b>Late tenders will not be considered</b> )
Contact details	For submission of quotations or any other enquiries: Email <a href="mailto:tender@csir.co.za">tender@csir.co.za</a> ( <b>Please use RFQ No. as subject reference</b> )
CSIR business hours	08h00-16h30

## 1 INVITATION FOR QUOTATION

Quotations are hereby invited from suitably qualified and experienced electrical contractors to supply new 132kV RIS Bushings, remove High Voltage bushings from existing 40MVA and install the new RIS 132kV Bushings.

## 2 SCOPE OF WORK IS BROKEN DOWN AS FOLLOWS

The supplier must quote as per the below Bill of Quantities (BOQ):

Item	Description	Unit	QTY	Rate	Amount
1	Supply of <b>RIS 132kV 1250A</b> Bushings	Each	3		
2	Take oil sample before and after removal of existing bushing and test for the following: Dielectric, moisture and acid	each	2		
3	Drain oil into tank, rate should be complete to include all pipe work required and any power generators as may be necessary	Sum	1		
4	Remove existing 3 x HV bushings	Each	3		
5	Remove tail end	Each	3		
6	Supply and fit new tail end	Each	3		
7	Install 3 x new HV RIS Bushings	Each	3		
8	Draw Vacuum from the transformer	Sum	1		
9	Refill transformer with existing oil	Sum	1		
10	Circulate oil up to a maximum of 6 passes	Sum	1		
11	<b>Transformer Testing</b>				
	Insulation resistance test	Each	1		
	Ratio test	Each	1		
	Tan delta test	Each	1		
	SFRA test	Each	1		
12	<b>Labour and transport</b>				
	Engineer	Days	2		

	Senior technician	Days	2		
	Junior technician	Days	2		
	LDV	sum	1		
	Crane truck	sum	1		
	Consumables, gaskets and cleaning materials	sum	1		
	Clearing of site and handing over documentation	sum	1		
13	Safety file	Sum	1		
	<b>Sub- total</b>				
	<b>Vat @ 15%</b>				
	<b>Total</b>				

#### **Additional Requirements:**

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

#### **Mandatory documents required / returnables:**

- Current company profile clearly showing the company's core activities. The profile must highlight the expertise of the contractor in replacement of High Voltage bushings.
- Proof of experience on replacing bushings on transformers from 20MVA up to and including 40MVA at 132kV voltage level (submit three contactable references clearly with name of client, size of transformer and contact details of client). Service providers should note that a site visit will be done by CSIR for verification.

- A list of at least 3 contactable references of previous and/or current contracts of a similar size and nature. The list must include description of works done, telephone numbers and email addresses of the referees.

**NB- (Similar= projects relating to replacement of High Voltage bushings)**

- Bidder must submit proof of professional registration with ECSA for the lead technician or engineer
- Bidders must submit proof of registration with CIDB grading 2EP or Higher
- Bidder must submit Calibration certificate for all test equipment that are going to be used

**NB:** *Non-submission of the above-mentioned documents may deem your submission unresponsive and may thus result in your submission not being considered for Price and BBBEE evaluation.*

### **3 EVALUATION CRITERIA**

- 3.1 Selection of suppliers will be based on the 80/20 preference point system.
- 3.2 Provide a B-BBEE Certificate, or letter of exemption indicating the B-BBEE Status level.
- 3.3 No B-BBEE status will equal zero points.
- 3.4 Indicate CSD number (National Treasury Central Supplier Database) on quotation. If not registered yet on CSD, use [www.csd.gov.za](http://www.csd.gov.za) to register.
- 3.5 No order will be issued or no contract will be signed without a valid CSD number.
- 4.6 Elimination Criteria:  
Suppliers will be eliminated under the following conditions:
  - Late submission of Quotes;
  - If supplier does not quote on all items in the scope of work
  - If supply does not submit quotation on their official company letterhead;

- Submission at wrong location or incorrect email address (***Please submit electronically to [tender@csir.co.za](mailto:tender@csir.co.za)***);
- If the supplier fails to submit any of the mandatory/returnable documents.

#### **4 PRICING QUOTATION**

- 4.1 Price needs to be provided in South African Rand (excl. VAT), with details on price elements that are subject to escalation and exchange rate fluctuations clearly indicated.
- 4.2 Price should include additional cost elements such as freight, insurance until acceptance, duty where applicable, etc.
- 4.3 Payment will be according to the CSIR Payment Terms and Conditions.

**The price should be firm and inclusive of costs and all services required to complete the project.**

#### **5 SUB-CONTRACTING**

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

- 5.3 If the tender intends to sub-contract, they must indicate the value of the work in Rands to be sub-contracted in relation to the total tendered amount. The supplier must also indicate the name(s) of the company / contractor.
- 5.4 All BBBEE certificates of the sub-contractors must also be submitted. Non-submission will result in 0 points being awarded for BBBEE.
- 5.5 In case of proposal from a joint venture, the following must be submitted together with the proposal/Quotation:
- Joint venture Agreement including split of work signed by both parties;
  - The original or certified copy of the B-BBEE certificate of the joint venture;
  - The Tax Clearance Certificate of each joint venture member;
  - Proof of ownership/shareholder certificates/copies; and
  - Company registration certificates.

## **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.
- 6.2 Such an act shall constitute a material breach of the Agreement and the CSIR shall be entitled to terminate the Agreement forthwith, without prejudice to any of its rights.

## **7 No goods and/or services should be delivered to the CSIR without an official CSIR Purchase order. Note: This is not a Purchase Order.**

**Annexure B – SBD 1 Form**

**(The Completed SBD 1 form must be submitted with the quotation**