

TENDER 135Q/2024/25: TERM TENDER FOR DESIGN, MANUFACTURE, DELIVERY, INSTALLATION AND COMMISSIONING OF POWER TRANSFORMERS

TENDER CLARIFICATION MEETING

Date: 2024-11-29

Time: 12:00

Venue: Teams

1 DISCUSSION POINTS

- 1.1 The clarification meeting was not a compulsory meeting. Furthermore, it was an opportunity to emphasize certain key aspects of the tender and clarify areas of uncertainty. Thus it was not a comprehensive discussion of the tender document.
- 1.2 Unless a formal notice is issued by the CCT, the tender document is to be viewed as correct. Anything stated at the clarification meeting that could alter the tender document is therefore not enforced unless it is contained in a formal notice to tenderers.
- 1.3 Request for PDF copy of tender document or an electronic BOQs (Schedules of Quantities) can submitted to Johanette.VanDerMerwe@capetown.gov.za together with the proof of payment of the tender fee.
- 1.4 The scope of the tender is for the: design, manufacture, testing at the manufacturer's works, supply, delivery to site, off-loading, erection, site testing and commissioning of the transformers and associated equipment detailed in the Schedules intended for use in Primary Step-down (HV to MV) main substations and selected distribution substations.
- 1.5 The tender will be awarded for a period of 3 (three) years for various Works Projects within the boundaries of the City of Cape Town metropolitan area of the following:
 - Item A: Medium Capacity Power Transformers (7EP – 8 EP)
 - Item B: High Capacity Power Transformers (8 EP)
 - Item C: Relocation/Removal of Power Transformers and/or other minor works (1EP – 3 EP, 6EP)
- 1.6 Tenderers may offer for only one item, any two items, or all items. Tenderers must provide a rate for **each** sub-item in Item A, to be considered for an award of Item A. Similarly, tenderers must provide a rate for **each** sub-item in Item B, to be considered for an award of item B. And tenderers must provide a rate for **each** sub-item in Item C, to be considered for an award for item C. **Failure to price each sub-item will render the submission non-responsive.** For example, if you provide an offer for the power transformers in Item B, you must also price the associated cabling and earthing.

- 1.7 Tenderers must have a CIDB contractor grading designation of 1EP or higher (Item C); 2EP or higher (Item C), 3EP or higher (item C), 6EP or higher (Item A), 7EP or higher (Item A & B) and 8EP or higher (Item A & B).
- 1.8 The Employer intends to appoint one tenderer per item and CIDB grade (the highest ranked tenderer ("the winner") and in addition an alternative tenderer.
- 1.9 Tenderers must have a CIDB contractor grading designation of 1EP or higher (Item C); 2EP or higher (Item C), 3EP or higher (item C), 6EP or higher (Item A), 7EP or higher (Item A & B) and 8EP or higher (Item A & B).
- 1.10 All tenderers shall provide B-BBEE certificate in order to qualify for B-BBEE preference points.
- 1.11 Only the Schedule of Quantities and the Technical Schedules may be completed electronically, everything else must be handwritten in black ink. Tenderers may attach supporting info to each Schedule but complete the Schedules as issued as well.
- 1.12 Responsiveness Criteria was discussed and it was noted that tenderers must comply with the following clauses:
 - **C.1.7:** City of Cape Town Supplier Database Registration: Tenderers must be registered upon being requested and within requested period.
 - **C.1.8:** National Treasury Web Based Central Supplier Database (CSD) Registration
 - **C.2.1.4.1:** Construction Industry Development Board (CIDB) Registration: Only those tenderers who are registered with an active status with the CIDB in a contractor grading designation equal to or higher as required are eligible for evaluation.
 - **C.2.1.4.2:** Compliance with requirements of CCT SCM Policy and procedures
 - **C.2.1.4.3:** Minimum score for functionality: In order to be considered for a contract in terms of this tender, tenderers must achieve the minimum score for functionality as stated below. The description of the functionality criteria and the maximum possible score for each is shown in the table below. The score achieved for functionality will be the sum of the scores achieved, in the evaluation process, for the individual criteria.
 - **C.2.1.4.3A Functionality requirements for Items A & B**

Description of functionality criteria	Maximum possible score
Qualifications and demonstrated experience of the key staff in relation to the scope of work;	25
Track Record of Equipment (Manufacturer)	5
Demonstrated Experience of Tenderer	5
Maximum possible score for Functionality	35

The minimum score for functionality is 21 (60%). Tenderers that fail to achieve the minimum score for functionality will be declared non-responsive.

• **C.2.1.4.3B Functionality requirements for Item C**

Description of functionality criteria for Item C	Maximum possible score
Qualifications and demonstrated experience of the key staff in relation to the scope of work;	25
Demonstrated Experience of Tenderer	5
Maximum possible score for Functionality	30

– **C.2.1.4.5: Good standing with Bargaining Council:**

- Civil Engineering Industry
- National Bargaining Council for the Electrical Industry of South Africa
- Metal and Engineering Industries Bargaining Council

– **C.2.1.4.6: Type Test Certificates (For Items A & B only, this is not a requirement for Item C) :**

The equipment must be type tested in accordance with the Specification and Schedules. Type test certificates must be included with the tender submission.

– **C.2.1.4.7: Technical requirements and data sheets:**

In order to be evaluated for compliance the tenderer must complete Schedule 25.3: Technical Schedules. It is the responsibility of the tenderer to fully and accurately complete this schedule

1.13 Reverse Power Flow

Refer to Schedule 25.3 Items 3.8.1.3

Maximum reverse power flow to be provided by tenderer

Requirement for a minimum of 20% of the capacity reverse flow

1.14. Short-circuit impedances

No short-circuit impedance values are specified in the tender specification

The **fault level values** are stated in Schedule 25.3 Item 3.8.3 and C3.4.1.1

Tenderer needs to calculate the impedance to comply with the fault level values stated in Schedule 25.3 Item 3.8.3 and C3.4.1.1 :

High Impedance – parallel operation required: 40 MVA = 2 in parallel; 20 MVA = 3 in parallel

Standard Impedance – NO parallel operation required; except TYPE 13 (132/11,5 kV 20 MVA)= 2 in parallel;

Clause 8.3 of Vol 3A : When the transformers operate in parallel the impedance on any tap shall be determined to restrict the LV fault level to the specified level with 40 kA on the HV terminals. Parallel operation shall imply to two

transformers for units 40 MVA and larger and three transformers for 20 MVA units.

1.15 Pricing Assumptions (p.97)

Clause 5: **No quantities** are set out in the Schedules of Rates.

The Contractor will be required to undertake whatever quantities may be directed by the Employer's Agent from time to time in the relevant **Works Project**.

The final Contract Price for each completed Works Project shall be computed from the actual quantities of work done, valued at the relevant rates

- 1.16 A rate is to be entered against each item in the Schedules of Rates. If a nil rate (i.e. "nil" or "0.00") is entered against an item, it will be considered that there is no charge for that particular item. An item against which no rate (or rates, in the case of rate categories if provided) is/are entered, or if anything other than a rate or a nil rate (for example, a zero, a dash, "N/A", or the word "included" or abbreviations thereof) is entered against an item, it will also be regarded as a nil rate having been entered against that item, i.e. that there is no charge for that item.
- 1.17 The rate entered for the performance guarantee must be the cost to secure the performance guarantee.
- 1.18 No advance payments (or deposit payments) will be considered as part of this tender. Stating this as a condition of tender will render the tenderer non-responsive. However, tenderers may offer a discount on the tendered prices, in the event where the City may consider to pay upfront.
- 1.19 It was clarified that comparative prices are used to evaluate tenders and that the cheapest upfront price will not necessarily be the cheapest overall price. The formula for calculating the comparative is explained in the tender document.
- 1.20 Questions from potential bidders:

Question 1

If it's a new design, and we haven't type tested, can we provide the type test certificates after the fact? Or can we provide type test certificate for a similar unit?

Response to Question 1

You cannot provide the type test certificate after award, it must be provided with the tender submission. We will not award to you if you've not type tested all units you are tendering for.

You can provide a type test certificate for a similar unit. Obviously there's different definitions of a similar unit, so if you are unclear whether it will be considered as a similar unit, you can send a clarification e-mail to the City to confirm if what you consider to be a similar unit, is in fact a similar unit.

Question 2

Regarding the guarantees: are guarantees from a bank or from an insurer?

Response to Question 2

There's a list of institutions in the tender document from which the City accepts performance guarantees. There are banks and insurers included in that list. The guarantee that you provide must be from one of those listed in the tender document.

Question 3

Is there any returnable acknowledgement that we need to sign and return? We've got the tender documents. Anything like that?

Will the City consider a request for an extension, because of the construction break

Response to Question 3

No returnable to be signed as evidence that you've attended the meeting.

You may submit a request for extension of time with your reasons, for the BEC to consider.

Johanette Van der Merwe  Digitally signed by Johanette Van der Merwe
Date: 2024.12.10 12:12:06 +02'00'

Chairperson

J van der Merwe

Date