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Date: 28 November 2022

Dear Sir/Madam

Tender Clarification for MWP1701TX

Hi,

Hope you are doing well.

Regarding tender, four different (5.1 to 5.4) sets are requested by ESKOM for Item 1 as shown below:

5.1 Universal three phase test set

Comprising of a 3 phase voltage and current output (L1, L2, L3 analogue input for $\pm 10\text{V}$ and $\pm 20\text{mA}$, 10 binary and analogue voltage channel or better)

5.2 Universal six phase test set

Comprising of a 2 x 3 phase current and 1 x 3 phase voltage output, DC supply, analogue input for $\pm 10\text{V}$ and $\pm 20\text{mA}$, 10 binary and voltage channel or better)

5.3 Universal six phase test set, additional 3 I

Comprising of a 2 x 3 phase current and 2 x 3 phase voltage output, DC supply, analogue input for $\pm 10\text{V}$ and $\pm 20\text{mA}$, 10 binary and

5.4 Universal Single phase test set

Comprising of a dual single phase current channel, with one current one binary input and one binary output. Units slave together, (Voltage).

It is expected that test set *Suppliers* might not be able to match options may not be realisable at all.

5.5 Energy Meter Test Set

The requirements for the energy meter test set are detailed in s

A metering test set may not require all the protection functional set for metering may be proposed.

However, there is only 1 row in the pricing schedule for this(as shown in yellow below...)

File

Home

Insert

Page Layout

Formulas

Data

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SECURITY WARNING Automatic update of links has been disabled

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='Tender Cover Sheet'!\$C\$18

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Tenderer's Name:

0

Category of Offer:

Main Offer Only

5.1.3 Summary

Table
No.

Section Description

1

The supply and delivery of multi-function tests set; software modules and accessories as required by Eskom, for testing protection schemes.

2

The supply and delivery of multi-function tests set; software modules and accessories as required by Eskom, for testing metering schemes.

3

The supply of cyber security and IEC 61850 testing, monitoring and analysing tools.

4

The development and supply of automated test templates for the MFT

5

The repair and calibration of the supplied units.

6

Training for Eskom personnel

However, there is only 1 row in the pricing schedule for this(as shown in yellow below...)

-

Please advise on what we should do as we want to make an offer for 3 sets.

Response:

This was addressed in the clarification meeting responses held on the 24 October 2022 as attached with reference to point 3.

Essentially, “suppliers must refer to the updated pricing schedule and C2 S3 Pricing Data. Suppliers/Vendors to add in additional price schedule rows to accommodate their offer in accordance to the specification.”

Further, when completing the AB schedule for multiple offerings, suppliers must refer to point 7 of the technical responses:

“A/B schedule: If multiple hardware solutions / software solutions are offered, is it acceptable to complete the A/B schedule for the ‘best fitting’ / ‘most compliant’ solution – together with a clear reference?

Yes. If various test sets are made up of different components for functionality of a particular hardware/software solution, then it needs to be clearly stated which hardware/software components fulfil the requirements of the schedule. Details to be provided in the schedule”

Queries raised: 24 October 2022

- 1) Is this RFP for the whole of Eskom, or just Transmission?
Only Transmission Division.
- 2) How many units is Eskom planning to purchase?
Indicative numbers are as follows (no commitment). Please refer to the updated pricing schedule and C2 S3 Pricing Data.

Item no:	Description	QTY
1	The supply and delivery of multi-function tests set; software modules and accessories as required by Eskom, for testing protection schemes.	69
2	The supply and delivery of multi-function tests set; software modules and accessories as required by Eskom, for testing metering schemes.	22
3	The supply and delivery of cyber security and IEC 61850 testing, monitoring and analysing tools.	41

4	The development and supply of automated test templates for the MFT	As required
5	The repair and calibration of the supplied units.	91
6	Training for Eskom personnel	327

- 3) Pricing Schedule – How the various MFT hardware configurations (as specified in Ch. 5 - 5 options are specified) and MFT software configurations (as specified in Ch. 6 – at least three options specified) be reflected? The pricing schedule only allows for one position.
Please refer to the updated pricing schedule and C2 S3 Pricing Data.

Suppliers/Vendors to add in additional price schedule rows to accommodate their offer in accordance to the specification.

- 4) Pricing Schedule - What about optional / recommended extras? Do these need to be shown on the pricing schedule, or is a normal quote sufficient?
Please refer to the updated pricing schedule and C2 S3 Pricing Data.
Suppliers/Vendors to add in additional price schedules to accommodate their offer in accordance to the specification. It must be noted as "Option Extra"

- 5) Automatic Test Templates: For which schemes are such automatic test templates required? Eskom has specified the detail design criteria of such test templates in previous Transmission and Distribution contracts. Why is this not referenced in this RFQ?
This is a request for proposal (RFP), not an RFQ.
Details of the requirements will be provided when we want to make use of the service.
The Automated Test Templates must serve the installed base of Protection Scheme and Metering schemes within the Transmission Division.

- 6) A/B schedule: Supplier reference / Evidence: What should the format of the reference / evidence be? Is a reference to an official brochure / manual or a screen shot (for software features) sufficient?

It is critical that references to supporting documentation (document title, page number and clause / paragraph no.) that confirm compliance shall be clearly indicated on the Technical Schedules in the "Reference" column. (e.g, page 110 of document 5, paragraph 5). The evidence provided must be in the supplier's document.

- 7) A/B schedule: If multiple hardware solutions / software solutions are offered, is it acceptable to complete the A/B schedule for the 'best fitting' / 'most compliant' solution – together with a clear reference?

Yes. If various test sets are made up of different components for functionality of a particular hardware/software solution, then it needs to be clearly stated which hardware/software components fulfil the requirements of the schedule. Details to be provided in the schedule.

- 8) Metering A/B schedule: A lot of minimum Eskom requirements are missing. What does "Yes/No" or "Detail" mean as minimum Eskom requirement?

All three schedules have updated and loaded on the database.