

Bidders are hereby invited for the: **RFQ202307/008: ISO 17025 CALIBRATION OF LABORATORY MASS PIECES /WEIGHTS**

Description:

Table 1: General requirements. All service providers to complete. Failure to complete the table will lead to disqualification

Requirement	YES/NO	COMMENT
1. A separate official quotation must also be submitted.		
2. Expiry date/s or the next calibration date must be indicated on the calibration certificates and MUST be as per ERWAT laboratory's frequency/requirement and NOT as per the service provider's recommendation/s. Expiry/next calibration date must indicated as the Month and the year of the following year e.g. calibration done 28 May'2022, expiry date May 2023		
3. Only ISO 17025 accredited Service Providers quoted and adhering to the RFQ advertisement and this document's requirements and specifications will be taken into consideration		
4. The Service Providers must submit a copy of their ISO 17025 Accreditation Certificate and their schedule of Accreditation		
5. Delivery and collection Delivery and collection to be done in 2 batches. One batch will be sent for calibration and the other one will only be sent once the first one is back from calibration.		

TABLE 2: MASS PIECES: ERWAT Technical information

MASS PIECE	ID No.	Type	UOM as per previous calibration	Decimals
2000g	M 2kg	Silver – F1 accuracy	±0.003g	Two
1000g	1kg	Silver – F1 accuracy	±0.001 6g	Two
500g	500g	Silver – F1 accuracy	±0.000 8g	Three
200g	640A	Brass – F1 accuracy	±0.000 3g	Three
100g	100g	Silver – F1 accuracy	±0.000 16g	Four
50g	50g	Silver – F1 accuracy	±0.000 10g	Four
40g	640B	Brass – F1 accuracy	±0.000 10g	Three
20g	20g	Silver – F1 accuracy	±0.000 08g	Four
10g	10g	Silver – F1 accuracy	±0.000 06g	Four
1g	1g	Silver – E2 Accuracy	±0.000 010g	Four
0.2g	0.2g	Silver – F1 accuracy	±0.000 020g	Four

TABLE 3: MASS PIECES: ERWAT Specification/Technical requirements for mass piece calibration.
All service providers to complete. Failure to complete the table will lead to disqualification.

Measured quantity or type of instrument	Range of measured quantities	Maximum required calibration and measurement capability expressed as an uncertainty (\pm)	Will you be able to meet the requirements? Yes/No	Are you ISO 17025 accredited? Yes/No. If yes, please attach the schedule of accreditation	Convert your calibration and measurement capabilities expressed as an uncertainty to the same units as per the indicated requirement
Weights	100mg to 300mg	0.007mg			mg
	500mg to 1g	0.010mg			mg
	1g to 3g	0.013mg			mg
	10g to 20g	0.025mg			mg
	20g to 30g	0.033mg			mg
	30g to 50g	0.036mg			mg
	50g to 20kg	0.000 07%			%