**REQUEST FOR EXPRESSIONS OF INTEREST**

**(CONSULTING SERVICES – INDIVIDUAL CONSULTANT SELECTION)**

**Republic of Armenia /RoA/**

**Trade Promotion and Quality Infrastructure Project /TPQI/**

**Loan Number 8390-AM**

**Assignment Title:** Expert for international accreditation of calibration laboratories of the "National Body for Standards and Metrology" CJSC of the RoA Ministry of Economy

**Reference No. (**As per Procurement Plan**): TPQI-C-3.1.3.4**

The Republic of Armenia has received financing from the World Bank toward the cost of the Trade Promotion and Quality Infrastructure Project (Project), and intends to apply part of the proceeds for consulting services. The services include: Expert for international accreditation of calibration laboratories of the "National Body for Standards and Metrology" CJSC of the RoA Ministry of Economy.

The objective of this assignment is to hire a consultant with relevant professional experience, who will lead the accreditation process and prepare the NBSM calibration laboratories (mass and related quantities measurement and thermal measurement laboratories) to apply to a Competent Accreditation Body (EA MLA/BLA – ILAC/MRA) and to obtain international accreditation of two above-mentioned calibration laboratories of NBSM.

The services are expected to start in June 2022 and will last about five months period.

The selected Consultant Company will implement the following main activities:

1. Develop the Management System (MS) documentation according to ISO/IEC 17025:2017 requirements.

2. Develop technical procedures - applicable to the (NBSMCL) Measurement quantity/calibration fields of interest.

Mass and related quantities

* Calibration of weights: Weights E 1 accuracy class (1mg … 1 kg)/ accuracy class F 1, F 2, M 1, M 1-2, M 2, M 2-3, M 3 (1mg ….50 kg);
* Calibration of NAWI (Max 300kg); EURAMET CG 18;
* Calibration of Pipettes (0,1….1000) cm3/ Guideline DKD-R 8-1 and ISO 8655-2 Piston-operated volumetric apparatus — Part 2.

Temperature

* Calibration of the Noble metal thermocouples, direct reading thermometers, measuring chains with thermocouple sensor/ Comparison with standard thermocouple;
* Calibration of the Temperature Resistance; Direct reading thermometers; measuring chains with resistance sensor/ Comparison with SPRT;

3. Conduct the following trainings:

• ISO/IEC 17025:2017 requirements (Calibration Laboratory - Management and technical staff);

• Weights, NAWI and pipettes calibration procedures;

• Noble metal thermocouples, direct reading thermometers, measuring chains with thermocouple sensor/ Comparison with SPRT;

• Direct reading thermometers, measuring chains with resistance sensor/ Comparison with standard thermocouple;

• Other applicable requirements–ISO/IEC 17043 (to prepare the calibration laboratory to participate on the proficiency testing schemes -(e.g. Clause No. 4.4; 4.5; 4.6; 4.7; 4.8 only applicable requirements which are important for the calibration laboratory staff).

4. Conduct Internal Audit ISO/IEC 17025:2017 (to prepare the Accreditation Body assessment visit) Management and technical requirements (Management System – including technical procedures implementation);

5. Support the NBSM to fill the application form and the related documents according to the Accreditation Body - accreditation process applicable documents/policies – (The Accreditation Body will be selected by the NBSM).

6. Support the NBSMCL to close the findings raised by the Accreditation Body Assessment Team during the assessment process.

The detailed Terms of Reference (TOR) for the assignment can be obtained at the address given below.

Ministry of Economy of RoA and the Prime Minister’s Office of the RoA (PMO) now invite eligible Individual Consultants to indicate their interest in providing the Services. Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services (information on education and general work experience, description and experience in the implementation of the similar assignments during the last 5 years, documentary evidence of at least two accredited similar labs, etc.).

The shortlisting criteria are specified below:

The Consultant shall meet the following qualification criteria:

* University degree in Engineering, Science or in relevant field (degree in Metrology will be an asset);
* At least 5 years of professional working experience in industrial metrology in the fields of mass and thermometry calibration labs;
* At least 5 years of professional experience in accreditation body under ISO/IEC 17025;
* A detailed knowledge and experience of implementation of QMS for calibration laboratories according to ISO/IEC 17025 substantiated with recommendations from at least two internationally accredited calibration laboratories;
* Training, presentation, and written communication skills;
* Excellent computer literacy (Word, Excel, Power Point);
* Excellent command of spoken and written English;
* Excellent communication skills and ability to work in a team and lead it.

The attention of interested Consultants is drawn to paragraph 1.9 of the World Bank’s “Guidelines: Selection and Employment of Consultants under IBRD Loans & IDA Credits & Grants by World Bank Borrowers”, published in January 2011, revised in July 2014. (“Consultant Guidelines”), setting forth the World Bank’s policy on conflict of interest.

A Consultant will be selected in accordance with the “Selection of Individual Consultants” (IC) method set out in the Section V of the World Bank’s “Consultant Guidelines”.

Further information can be obtained at the address below during office hours ***09:00 to 18:00 hours (local time)***in working days.

Expressions of interest must be delivered in a written form to the address below (in person, or by mail, or by e-mail) by **May 17, 2022, 18:00 (local time)** (GMT+4).

Mr. Stepan Margaryan

TPQI Project Manager

Projects Management Unit of the Prime Minister’s Office (PMU of the PMO)

5-rd Floor, 28 Nalbandyan Street, Republic Square

Yerevan, 0010, Republic of Armenia

Telephone: (374-10) 515 580, 515 581

E-mail: info@tpqi.am (Cc: h.shamamyan@tpqi.am)