



## Request for tender

### Trialling a “SMART” version of an OIML Recommendation

**The International Organization of Legal Metrology (OIML) is seeking proposals from suitably qualified and experienced entities for trialling a “SMART” OIML Recommendation.**

#### Scope

The International Organization for Legal Metrology (OIML) is an intergovernmental organization founded in 1955. Its mission is to enable economies to put in place effective legal metrology infrastructures that are mutually compatible and internationally recognized, for all areas for which governments take responsibility.

The OIML is an “international standard-setting body”, and OIML publications should be applied, when appropriate, by all signatories of the WTO TBT Agreement when developing technical regulations

The OIML is taking its first steps towards its digital transformation and wishes to translate one of its model international standards, OIML Recommendation R 60, into a “SMART” XML standard, in accordance with specifications from ANSI/NISO Z39.102-2022 “STS: Standards Tag Suite” and the IEC/ISO Coding Guidelines.

The work will serve as a model for consideration by the OIML Digitalization Task Group.

#### Aim

The XML document shall include appropriate references from the SI Digital Framework and the ISO/IEC Framework, and exemplary definitions and requirements identified by experts from the relevant OIML Technical Committee (TC9).

The outcome should also provide an outline of the next steps required in order to improve the machine-readability of the document, and thereafter a roadmap towards

creating a machine-actionable document. A list of open questions for consideration by the OIML Digitalization Task Group may also be provided.

## Provider

The provider must have good knowledge and experience in working with XML schemas and related technologies, and be familiar with the documentation of specifications and examples published by ISO/IEC and other standardization organizations regarding machine-readable standards. The provider should be prepared to discuss open issues with the relevant OIML experts in order that the resulting document represents the current state-of-the-art in terms of SMARTness.

## Trial document

The OIML's Recommendations and other official publications are available on the OIML website at:

- <https://www.oiml.org/en/publications/>

The document R 60:2021 "Metrological regulation for load cells" comprises 4 parts, presented as an Adobe Portfolio document at:

[https://www.oiml.org/en/publications/recommendations/en/files/pdf\\_r/r060-p-e21.pdf](https://www.oiml.org/en/publications/recommendations/en/files/pdf_r/r060-p-e21.pdf)

## Deliverables

### "SMART" XML version of OIML R 60

- Creation of an appropriate XML schema in line with developments of other international standards-setting organizations
- Translation of the four parts of R 60:2021 into XML with priority to part 1 "Metrological and technical requirements"
- Incorporation of relevant references from the SI Digital Framework and from the ISO/IEC Framework
- Provision of a guidance document on the necessary steps to develop similar XML standards from existing OIML Recommendations, with attention to gaps to be addressed specific to the technology under issue
- Provision of an outline of the next steps required to improve the machine-readability of the document
- Provision of an outline of the future steps that would be required to provide a machine actionable version of the document

## Offers

Offers should be addressed by email to [janet.miles@oiml.org](mailto:janet.miles@oiml.org) by 12 December 2025 and should include

- A summary of the provider's related experience
- The price and proposed timeline of the work
- A list of any initial questions about the project

## Evaluation

- Tenders will be evaluated mainly on the experience of the provider.
- The evaluation panel will consist of Janet Miles, Katya Delak and Sascha Eichstädt