

Annex B CEN/TS 16555 & ISO 56004 Specifications

Additional information on relevant technical specifications applying to this subject area. Bidders are expected to indicate how their responses support the adoption and implementation of the guidance contained within the CEN and ISO documents. Where other specifications/standards (e.g. ISO 44001) are used or referenced please note them in your tender responses.

CEN 16555

CEN is a 35 member, primarily European, standards development body. Their technical committee TC 389 developed the 16555 family to provide guidance on establishing and maintaining an innovation management system (IMS). It is applicable to all public and private organisations regardless of sector, type or size. The main document outlines guidance on: - understanding the context of the organisation; - establishing the leadership and commitment of top management; - planning for innovation success; - identifying and fostering innovation enablers/driving factors; - developing the innovation management process; - evaluating and improving the performance of the innovation management system; - understanding and using innovation management techniques.

- CEN TS 16555-1 innovation management systems

The first part addresses setting up an Innovation management system with The standards provide guidance for organizations seeking to manage innovation and the related topics. By using this d, organisations can increase their awareness of the value of an IMS, establish such a system, expand their capacity for innovation, and ultimately generate more value for the organisation and its interested parties. NOTE The innovation management system outlined in this document follows the PDCA structure (plan-do-check-act), so it can be integrated within other standardised business management systems existing in the organisations, e.g. EN ISO 9001, EN ISO 14001, etc.

- CEN TS 16555-2 Strategic intelligence management
- CEN TS 16555-3 Innovation thinking
- CEN TS 16555-4 Intellectual property management
- CEN TS 16555-5 Collaboration management
- CEN TS 16555-6 Creativity Management

parts 2-6 deal with related topics such as strategic intelligence, Innovation and design thinking, intellectual property management, collaboration and creativity management.

- CEN TS 16555-7 Innovation Management Assessment

Part 7 is most relevant for this procurement, it provides guidance on assessing the innovation management system (IMS) and its performance. It describes how organisations can create transparency internally on strengths and weaknesses in their innovation management system. This knowledge can be used as a basis to develop effective actions to improve an organisation's innovation management capabilities and performance.

Increased innovation management performance is essential for generating value for the organization, its network partners and key stakeholders.

The Technical Specification provides guidance on:

- various types of innovation management assessment approaches;
- the generic process of an effective innovation management assessment;
- the elements of innovation management to assess
- the insights and the impact that can be gained from carrying out an innovation management assessment.

By using the technical specification, organisations can gain an overview of different innovation management assessment approaches. By knowing these approaches, organisations can design their innovation management assessment to best suit their needs. The results of this innovation management assessment are therefore the basis on which to develop an action plan to improve the capabilities and performance of their innovation management on a continuous basis.

The technical specification is applicable to all organizations regardless of sector, type, age or size of the organization. However, specific focus has been placed on the applicability for small and medium-sized enterprises. The technical specification is not intended for certification purposes.

ISO 56004

ISO – an independent, non-governmental international organisation with a membership of 164 national standards bodies. A global network of national standards [provide requirements](#), specifications, guidelines or characteristics that can be used consistently to ensure that materials, products, processes and services are fit for their purpose it brings together experts to share knowledge and develop voluntary, consensus-based, market relevant International Standards that support innovation and provide solutions to global challenges.

Similarly to CEN, ISO established a technical committee, TC 279, to produce an ISO specification covering systematic approaches to innovation management.

Published

- ISO 56003 Innovation management -- Tools and methods for innovation partnership – Guidance
- ISO 56004 Innovation management -- Assessment – Guidance

In Development

- ISO 56000 Innovation management -- Fundamentals and vocabulary
- ISO 56002 Innovation management -- Innovation management system – Guidance
- ISO 56005 Innovation management -- Intellectual property management – Guidance
- ISO 56006 Innovation management -- Strategic intelligence management – Guidance
- ISO 56007 Innovation management -- Idea management – Guidance

ISO/TR 56004:2019

The Technical Specification outlines the key principles to follow to carry out a good Innovation Management Assessment. Further, it provides guidance on benefits of carrying out an Innovation Management Assessment (IMA) and establishing and maintaining an Innovation Management

System (IMS). It is applicable to all public and private organizations regardless of sector, type or size.

ISO 56004 is a technical report which provide guidance on:

- understanding the context of the organisation;
- establishing the leadership and commitment of top management;
- planning for innovation success;
- development of related standards;
- identifying and fostering innovation enablers/driving factors;
- developing the innovation management process;
- evaluating and improving the performance of the IMS and IMA;
- understanding and using innovation management techniques.
- Improving communication via IMA