Abstract

This paper proposes improvements concerning the analysis and the evaluation of tenders in the tendering process. At first, a new method of analysis and evaluation of tenders using the rule of proportion is proposed. Secondly, the principles of fuzzy logic are introduced in order to reconsider limits from the classical logic in the analysis and evaluation of tenders. This work is a step towards the modeling of an IT solution integrating the concepts of artificial intelligence and decision support in the context of e-government (e-tendering).

References

- F. Lichère and F. Marty, "Remedies in the Field of Public Procurement Law in France and in the USA: a Legal and Economic Comparison.", Remedies and Economics, 2011.
- S. E. Kadiri, M. Delattre, P. Pernelle and A. Bouras, Une approche de construction des indicateurs de suivi basée sur la logique floue, [1er Colloque International sur les Systèmes Industriels et Logistiques (SIL), Marrakech, Maroc, 2008]

**Index Terms**

Computer Science          Fuzzy Systems

**Keywords**

Tendering    Artificial intelligence    Decision support    Fuzzy logic    Rule of proportion

Public procurement

Method of analysis and evaluation of tenders

Company

State
e-tendering

e-government

dematerialization

IT solutions.