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

Tendering Process: Improvement of Analysis and Evaluation of Tenders based on the Use of Fuzzy Logic

- M. V. Rillaed, "Critères d'attribution - Choix, pondération, cotation et motivation", Mouvement Communal, Belgique, 2011
- F. Lichèrre et 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
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.