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

- M. V. Rillaed, "Critères d'attribution - Choix, pondération, cotiation et motivation", Mouvement Communal, Belgique, 2011
Tendering Process: Improvement of Analysis and Evaluation of Tenders based on the Use of Fuzzy Logic


**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.