

## **ABSTRACT**

*Broadband Wireless Access Frequency Auction organized by government is a process of providing wideband communications operating licenses for telecommunication. For the bidders company, this activity is a process that might involve a decision which the auction zone to be targeted.*

*Decision making for the above case is not easy because the criteria for decision support is not the sole criterion involving price, density, demand, and demand growth rates. In addition there are risks and uncertainties. These cause the information needed to assist decision making can be indecisive, inaccurate, or blurred boundaries. So it is necessary to address the decision support system that is able to overcome the vagueness of the information be disallowed.*

*Using Fuzzy Logic approach that was developed several decades, is expected through this research can be made a decision support system that can handle any restrictions on the line with the logic of human thinking.*

*Keywords: Decision Making, Fuzzy Logic, Auction.*