**ABSTRACT**

Methods *Analytic Network Process* is a method of producing a framework for resolving the problems of decision making Pememenang tender treasury Lhokseumawe city with the provisions criteria are the administration selection, selection, technical, and selection price, the decision of the tender winner treasury using *Analytic Network Process* is the highest value of the selection criteria for the winning bidder. Data processing menginput winning bidder is the contractor of data, the data selection criteria, and the data is processed with the winning bidder decision data. With a system of this decision it is easier to choose a policy decision. From the results obtained perncangan input form builder, form input criteria, and form a decision. Generate reports of the form is the winning bidder.

Keywords : *Analytic Network Process, Baitul Mal, Tender, Input*