Researching for the Influence of the Heterogeneous Elements on Awarding Methods During Procurement process

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ABSTRACT

The purpose of this research is to discuss heterogeneous elements including diverse technologies, quality, functioning, effects, characteristics or commercial terms and conditions of the awarding method during practical military product as well as labor procuring process and the relations between different heterogeneous elements and variant engineering, product or labor supplied by different companies, and to create a model for the planning entity to follow up. The research probes past government operating rules and documents, and takes methods of ‘ Evaluation Principle of Quantification Analysis-AHP ’ to perform as well. First of all, I designed a questionnaire for the military employees who are still engaged in the military procurement to answer. While the results come out, I takes AHP methods to analyze the weights and priority of each critical element and comparing the degree of its influence. Furthermore, I express my viewpoints concerning the weights and priority of each critical element and the degree of its influence. The research comes to the following conclusion: 1.When a purchasing plan comes with the priority of heterogeneous elements ordering effects, characteristics, commercial terms and conditions, quality, and technologies, the method of awarding shall be the lowest price, according to expert inquiring opinions. 2.In case a purchasing plan consists of the low weights of technical complication, quality, and contract performance, the method of awarding shall be the lowest price. 3.While a purchasing plan comes with the priority of heterogeneous elements ordering technologies, quality, characteristics and commercial terms and conditions, the method of awarding shall be Evaluation of the Most Advantageous Tender, according to expert inquiring opinions. 4.In case the priority of heterogeneous elements ordering as table 4-14, the method of awarding shall be Evaluation of the Most Advantageous Tender. 5.With the comparison of four elements composed of technologies, quality, characteristics and commercial terms and conditions, the strength and weakness of variance as well as the influential factors will be found out for the reference of planning entity through AHP. 6.Different needs will seriously affect the awarding method, according to two model research indication in the questionnaire results.

Keywords : awarding methods,heterogeneous,AHP

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