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Honors theses

Technological and environmental aspects in public procedures

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Our discussion aims to analyze the technological and environmental aspects in public procedures.

This research aims to understand what the role of professionals and what contribution from the technological point of view they can make environmental public procurement.

We've examined, two types of contract: service and works.

As we have shown in dealing with service contracts were tainted by an incorrect transposition of EU legislation together with national laws which have led to the award criteria with the lowest price.

We then focused on works contracts. To understand this issue we have chosen a call for tenders issued by a public body regarding the construction of a passive house in Ciriè.

Through the reading of the announcement of the tendering and we analyzed the legislation and issues affecting the tender with the most economically advantageous tender.

This phase was followed by one analytical knowledge that would enable us to have real data for a greater understanding of the system.

This analysis was made to step: starting the regional observatory, and data on the Piedmont region, through the selection of a smaller sample, to arrive at the detailed study of a bid winner. The analysis and profiling has enabled us to understand what was the importance of energy efficiency improvements - environmental accounting on average for the most economically advantageous tender.

Using the knowledge gained at this point it was decided to proceed with the application of an offer based on the demands of the notice previously analyzed in the survey phase.

Played all the way up to this point has led us to develop concluding remarks regarding the limitations, problems and potential of this system for the award.

The first criticism noted is the discretion of the Committee to decide, factor surmountable, as we saw in some races analyzed, through the choice between different options already provided.

This system, in turn, has other problems: do not allow the maximum innovation achieved by a changing market, so that the contribution of the professional figure would not exist.

The solution would be to make proposals without any constraints that ensure an increase again of discretion.

So we proposed the development of calls for disciplinary lines and improvements.

It proposes the replacement of the evaluation score given by introducing in their place, guidelines for improvements in order of importance.

This allows for greater clarity in the scores, improvements to the system from a single building element, for example if you were first required to replace the insulator now my address line will propose improvements in the insulation of the building.

This means a greater choice among existing innovations, higher quality of environmental technology and a better quality of the final.

There also seems interesting to propose mandatory features found in the auction system adopted in the contract that is analyzed, the exclusion of the economically opening technical bids of all those who have not reached a sufficiently adequate.

Is obtained in this way the automatic exclusion of bids technically deficient.

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