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Awareness of value management among construction professionals working on correctional services

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ABSTRACT

Purpose: Research has shown that the use of value management has been linked to improve performance of construction projects. This research report aimed at investigating the level of awareness of value management (VM) among construction professionals working on Correctional Services in Gauteng region, South Africa. The survey explored the awareness and understanding of VM, VM critical success factors, and VM methods and tools among construction professionals.

Design/methodology/approach: A structured online questionnaire survey was employed to investigate VM level of awareness among construction professionals working within the Department of Correctional Services (DCS). The survey targeted 50 construction professionals working for DCS. Consequently, the purposive, non-probability sampling technique was employed in this study and the response rate was 74%. Descriptive statistics is then employed in analysing the survey response data.

Findings**:** The top-five outcomes and or objectives of a VM study are effective risk management, enhance project functionality, enhanced project worth, reduced project operating costs and reduced project capital cost. The top-five VM methods and tools are time, cost and quality triangle, life cycle costing, value analysis, REDReSS, and process flow charting. The top-five critical success factors for VM are client support and active participation, plan for implementation, cooperation from related departments, clients' support, and active participation, and, lastly, interaction among participants.

Research limitations/implications: Overall, the construction professionals were somewhat aware of VM, however, VM is not being employed on DCS projects. Valued support and funding from government and government departments, awareness campaigns to be conducted within DCS. In addition, government to enforce regulations and policies for VM implementation on their projects.

Originality/ Value: The originality of the research is based on specifically investigating the level of awareness of VM among construction professionals working on and with DCS.

Key words: Awareness, Construction Professionals, Correctional Services, South Africa, Value Management