

الاستهلال

قال تعالى:

(فَتَعَالَى اللَّهُ الْمَلِكُ
الْحَقُّ وَلَا تَعْجَلْ بِالْقُرْآنِ
مِنْ قَبْلِ أَنْ يُقْضَىٰ إِلَيْكَ
وَحْيُهُ وَقُلْ رَبِّ زِدْنِي عِلْمًا)

صدق الله العظيم

(سورة طه الآية 114)

Dedication

To my family,

Who Supported and Encouraged

With love

Acknowledgements

First of all I would like to thank *Allah* for giving me the life, power and determination to complete the master program.

Then, I would like to offer my sincere thanks to my supervisor *Dr.Abdalla Shigidi* for his continued guidance and support.

My grateful thanks to my husband *Mohammed* whom support *gave* me strength while I was writing this thesis.

Abstract

The aim of this research is the application of Earned Value Management (EVM) methodology in the Renovation Residential City the Rossiers Dam to explore the advantages of using Earned Value Management in tracking and monitoring projects performance.

The case study of an ongoing project was analyzed using Earned Value Management; the results of Earned Value Management were subsequently used to analyze the management performance in the case study project.

The results show that project experienced delays from its onset. Earned Value Management shows that a schedule delay of schedule is 24% was experienced in the first month. Further more the variance of percent schedule variance continued to increase for the months of (2nd month is -50.20 %, 3rd month is -70.86 % and 4th month is -73.68%).

Earned Value Management (EVM) provided a realistic picture of the project progress and was able to provide a measure of the delays encountered by the project of the case study.

تجريد

الهدف من الدراسة تطبيق منهجية إدارة القيمة المكتسبة في مشروع تأهيل المدينة السكنية بمدينة الروصيرص لمعرفة فوائد استخدامه في متابعة ومراقبة قياس أداء المشروع.

وللوصول إلى ذلك تم تطبيق منهجية إدارة القيمة المكتسبة في تحليل المشروع ومن ثم تحليل النتائج لقياس أداء المشروع.

خلص البحث إلى أن هنالك تأخير في الجدول الزمني للمشروع منذ الشهر الأول حيث ظهر انحراف الجدول الزمني بنسبة 24%- فضلا عن ذلك استمر انحراف الجدول الزمني في (الشهر الثاني 50.20%- ، والشهر الثالث 86.70%- والشهر الرابع 73.68%-)

أظهرت دراسة الحالة أن تطبيق إدارة القيمة المكتسبة يعطى صورة واقعية ومطابقة للحقيقة خلال عمليات سير تنفيذ المشروع كما انه يساعد على قياس أداء المشروع خلال التنفيذ لتجنب التأخير بالنسبة للجدول الزمني والتكلفة وإيجاد الحلول في وقت مبكر.

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