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DEDICATION

To **Mom** and **Dad**, it's impossible to thank you adequately for everything
you've done,
from loving me unconditionally to raising me in a stable household,
where you instilled.

To **my sister** and **brothers** they supported me through words and actions. I value
all of your input and appreciate your confidence.

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for my lovely country **Sudan**

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ABSTRACT

This research addressed the challenges confronting construction contract administration in Sudan, the purpose of the research is to enhance the concept of construction contract administration, its importance and the role it plays, and to Identify the challenges that confronting the construction industry and how to process in Sudan to application the Construction Contract Administration and to improving practices used after contract have been awarded.

Research hypotheses were Local construction industry always use Contract Administration, there is no standard method for conducting and to define structures contract administration, the concept of Construction Contract administration unknown and complex in Sudan, the tools to implement the construction contract administration are available, but unused, also Lack of clarity and transparency in construction contract and lack of selection suitable contractor.

Research method based on the field study conducted using analytical descriptive method which depends on studying reality or phenomenon as it is in fact for the purpose of reaching the results of the study by designing a questionnaire and collecting data by selecting the research community from sample, the study was conducted by the engineers of the construction industry companies in the state of Khartoum, based on the number of years of experience and professional and functional specialization, statistical data were analyzed using the statistical package for social sciences by SPSS analyzer.

Research Results obtained were contract-administration policies and procedures are ambiguous, Challenges in training and capacity-building, the monitoring contract performance needs improvement, no organization was able to readily provide aggregate information on the causes and consequences of modifications and lack of documentation in the reviewed organizations.

There are some recommendations , should direct the construction organizations to setting policies and procedures to ensure efficient administration, put Specifications and qualifications to select contract administrator ,analyze the causes of modifications in contracts above certain thresholds to cost increases and delays, ensure that, when applicable, appropriate levels of liquidated damages and other remedies are included in the standard clauses of contracts, also select suitable contractor to execute project .

مستخلص

تناول هذا البحث التحديات التي تواجه إدارة عقود التشييد في السودان ، والهدف من هذا البحث هو تعزيز مفهوم إدارة عقود التشييد وأهميتها والدور الذي تقوم به ، وتحديد التحديات التي تواجه صناعة البناء والتشييد وكيفية التعامل معها في السودان لتطبيق إدارة عقود التشييد وتحسين الممارسات المستخدمة بعد منح العقد. الفرضيات التي تم وضعها هي صناعة الشبيد المحلية تستخدم إدارة العقود بصورة دائمة، كما لا توجد طريقة قياسية لإجراء وتعريف هياكل إدارة العقود، مفهوم إدارة عقود التشييد غير معروف ومعقد في السودان، الأدوات اللازمة لتنفيذ إدارة عقود لتشييد متوفرة، ولكن غير مستخدمة، أيضا عدم وضوح وشفافية في عقد التشييد وعدم اختيار المقاول المناسب.

منهج البحث يستند على الدراسة الميدانية التي أجريت باستخدام المنهج الوصفي التحليلي الذي يعتمد على دراسة الواقع أو الظاهرة كما هو في الواقع ، لغرض الوصول إلى نتائج الدراسة من خلال تصميم إستبيان وجمع البيانات عن طريق اختيار مجتمع البحث من عينة الدراسة من قبل مهندسي شركات البناء والتشييد في ولاية الخرطوم استناداً على عدد سنوات الخبرة والتخصص

المهني والوظيفي ، تم تحليل البيانات الإحصائية باستخدام الحزمة الإحصائية للعلوم الاجتماعية بواسطة برنامج التحليل الاحصائي SPSS.

نتائج البحوث التي تم الحصول عليها كانت سياسات وإجراءات إدارة العقود غامضة، وجود تحديات في التدريب وبناء القدرات، مراقبة أداء العقد يحتاج إلي تحسين، لم تتمكن أي منظمة من تقديم معلومات إجمالية عن أسباب وعواقب التعديلات أيضاً نقص الوثائق في إستعراض المنظمات.

هناك بعض التوصيات يرجى الأخذ بها ، حيث يجب توجيه منظمات البناء لوضع السياسات والإجراءات لضمان الإدارة الفعالة، ووضع المواصفات والمؤهلات لاختيار مدير العقد، وتحليل أسباب التعديلات في العقود فوق عتبات معينة لزيادات التكاليف والتأخير، وضمان أنه عند الاقتضاء يجب تدرج المستويات المناسبة من التعويضات المقطوعة وغيرها من سبل الانتصاف في البنود القياسية للعقود، أيضا إختيار المقاول المناسب لتنفيذ المشروع .

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