

قال تعالى :

لَقَدْ جَاءَكُمْ رَسُولٌ مِّنْ أَنْفُسِكُمْ عَزِيزٌ عَلَيْهِ مَا عَنِتُّمْ حَرِيصٌ عَلَيْكُمْ بِالْمُؤْمِنِينَ رَؤُوفٌ رَّحِيمٌ {التوبة/128} فَإِنْ تَوَلَّوْا
فَقُلْ حَسْبِيَ اللَّهُ لَا إِلَهَ إِلَّا هُوَ عَلَيْهِ تَوَكَّلْتُ وَهُوَ رَبُّ الْعَرْشِ الْعَظِيمِ {التوبة/129}

صدق الله العظيم

سورة التوبة - الآيات (128 - 129)

Dedication

Dedicated to
My parents
Whose blessings
Made my dream
A reality
And
To
My Wife and Children

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Extend my thanks to Centre for Engineering and Technical Studies and Sudan University of Science and Technology to have opportunity for a master's degree in construction management in a way that compromise scientific approach and scientific expertise and teachers highly qualified and symbols in construction industry in Sudan as they were in construction management.

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ABSTRACT: -

The Selection of the suitable contractor is a complicated decision making for construction clients; it requires long methods depending on measurement and evaluation techniques. These methods are related to each other in most of their configurations. They very often conflict in-so far as improvement in one often results in decline of another (s).

In order to select the most appropriate contractor for the project and prepare the most realistic and accurate bid proposal, stakeholders have to know all financial, technical and general information, regarding the project environment.

This research represents a Systemic approach for assessing and evaluating Contractors data and offers for the purpose of selecting the suitable contractor.

In this research a Systemic approach has been applied on case study at assessment phase to bidders document and evaluated by evaluation criteria previously included in the bid documents. The Committee was formed of four experts to which they supervised the handover of tender documents to the contractors and receipt envelopes from contractors on the date and time for the submission of bids and bids were opened as specified in the bidding documents on the same day of receipt and the Committee reviewed administrative requirements such as signature by the proper authority, required securities and offer validity. In this case it was found that only four bidders had submitted all documents and information required by the bidding documents. The remaining bidders did not submit complete information. These documents has been evaluated for the deficiency each bidder alone to make an appropriate decision to accept or Rejected the offer. The Committee also reviewed technical and financial documents to insure the eligibility of bidders and the project implementation time and payment terms, correction of arithmetic errors and compliance of

documents submitted by the contractor with the technical and financial conditions.

The approach is used to develop a process for the assessment of contractor data, and the steps to be followed by the consultant and for client to determine the lowest Substantially responsive bid in accordance with the terms, conditions and specifications stipulated in the bidding documents, further, the evaluation procedure, if strictly followed, will provide fairness to all bidders as it will produce a transparent, fair and accurate outcome of the bidding.

The compiled analysed data gave strong evidences about the importance of having standardized polices in practicing tendering process. The drawbacks that always happen in running classic bidding could minimised by using recommended methods.

The research ends up with some recommendation in the field which might add a lot in developing the professions if applied logically.

مستخلص

اختيار مقاول رئيسي هي عملية معقدة لعملاء التشييد ، فذلك يتطلب عدد من معايير القياس والتصميم في وقت واحد والعديد من هذه المعايير متصلة ببعضها البعض بطريقة معقدة وكثيرا ما يتعارض بعضها البعض وكذلك يمكن تحسين بعضها .

حتى يتم تحديد أنسب مقاول للمشروع وإعداد مقترح واقعي ودقيق يجب أن يكون أصحاب المصلحة على علم بجميع المعلومات المالية والتقنية والعمامة .

تم عمل هذا البحث في محاولة لعمل أسلوب منهجي لتقدير وتقييم بيانات المقاولين عند تجهيز وفرز وثائق العطاءات.

في هذا البحث تم تطبيق منهج على حالة دراسية في مرحلة تقييم عروض المقاولين وتم التقييم على حسب معايير التقييم التي ضمنت مسبقا في مستندات العطاء .

تم تكوين لجنة من أربعة خبراء والتي اشرفت على تسليم مستندات العطاء للمقاولين واستلام المظاريف من المقاولين في موعدها المحدد وتم فتح المظاريف في نفس يوم الاستلام وقامت اللجنة بمراجعة الاجراءات الاداريه مثل ان تكون المستندات ممهورة بامضاء احد المسؤولين في الشركه وختم جداول الكميات وخطاب تفويض وخطاب الضمان 2% من قيمة العقد الكليه . في هذه الحالة الدراسيه وجد ان بعض المقاولين لم يكملوا هذه المستندات وتم تقييم النقص لكل مقاول بمفرده حتى يتم اتخاذ القرار المناسب في قبول العرض او رفضه. كذلك قامت اللجنة بمراجعة المستندات الفنيه والماليه وتقييمها وتشمل اهلية المقاول لتنفيذ هذا المشروع وزمن تنفيذ المشروع وشروط الدفع ومراجعة العمليات الحسابيه وملائمة المستندات المقدمه من المقاول مع الشروط الفنيه والماليه.

هذا النهج يمكن استخدامه لتطوير عملية تقييم بيانات المقاول و الخطوات التي يتم إتباعها بواسطة المالك والإستشاري لتحديد أقل عطاء مستجيب إستجابة كبيره وفقا للأحكام والشروط والمواصفات المنصوص عليها في وثائق العطاء.

مما يعطى أكبر قدر للعدالة بين المقاولين المتقدمين للعطاء وكذلك يكون هنالك شفافية في عملية تقييم العطاءات و عدالة بصورة دقيقة في مخرجات العطاءات.

المعلومات التي تم تحليلها اثبتت بصوره كبيره اهمية منهجية طرق العطاءات مما يؤدي الى تقليل سلبيات الطرق التقليديه. البحث توصل لبعض التوصيات التي يمكن ان تضيف كثيرا الى طرق تقييم العطاءات اذا تم تطبيقها بصوره مثلى.

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Acronyms

ADB	Assian Development Bank
IBRD	International Bank for Reconstruction and Development (World Bank)
IDA	International Development Agency
GOS	Government of Sudan
ACT	Financial and Accounting Proceeding Regulations
TBM	Tunnel Boring Machine
LC	local Currency

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