



CRITICAL SUCCESS FACTORS OF PROJECT IN CONSTRUCTION INDUSTRY

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ABSTRACT

This research was carried out to study the critical success factors to project in construction industry. The project is a success it delivers on all agreed project objectives . There are four critical success factors of project that investigate in this study, there is project manager, procurement, project participants and design team. While, the challenges in completing the project are communication, team skills and scope change. The quantitative data collection method and simple random sampling technique had been used. The target population was contractor in the G7 class of construction. The number of samples in this research is taken according to Krejcie & Morgan table. The number of population is 90. Thus, the number of samples of this research will be 73. The questionnaire based survey was used and 90 sets of questionnaires were distributed to respondents. Questionnaires analyzed by SPSS. Descriptive Analysis will be used to rank the most critical success factors of project and also rank the most challenges in completing the project in construction industry.

INTRODUCTION

Construction industry is the population business in the country. Construction industry is a high hazard industry that contains an extensive variety of exercises including construction, adjustment, and repair. Case incorporates private construction, bridge erection, roadway clearing, excavation, destruction, and extensive scale painting occupations. Different type of project management technique to implement project successfully has been widely established in area example, the arranging and control of time, cost and quality. Notwithstanding this the qualification between the project and project administration is not exactly exact.

RESEARCH OBJECTIVES

1. To determine critical success factors to project in construction industry.
2. To identify most challenges in completing the project in construction project.

RESEARCH QUESTION

1. What are the critical success factors to project in construction industry?
2. What are the most challenges in completing construction project?

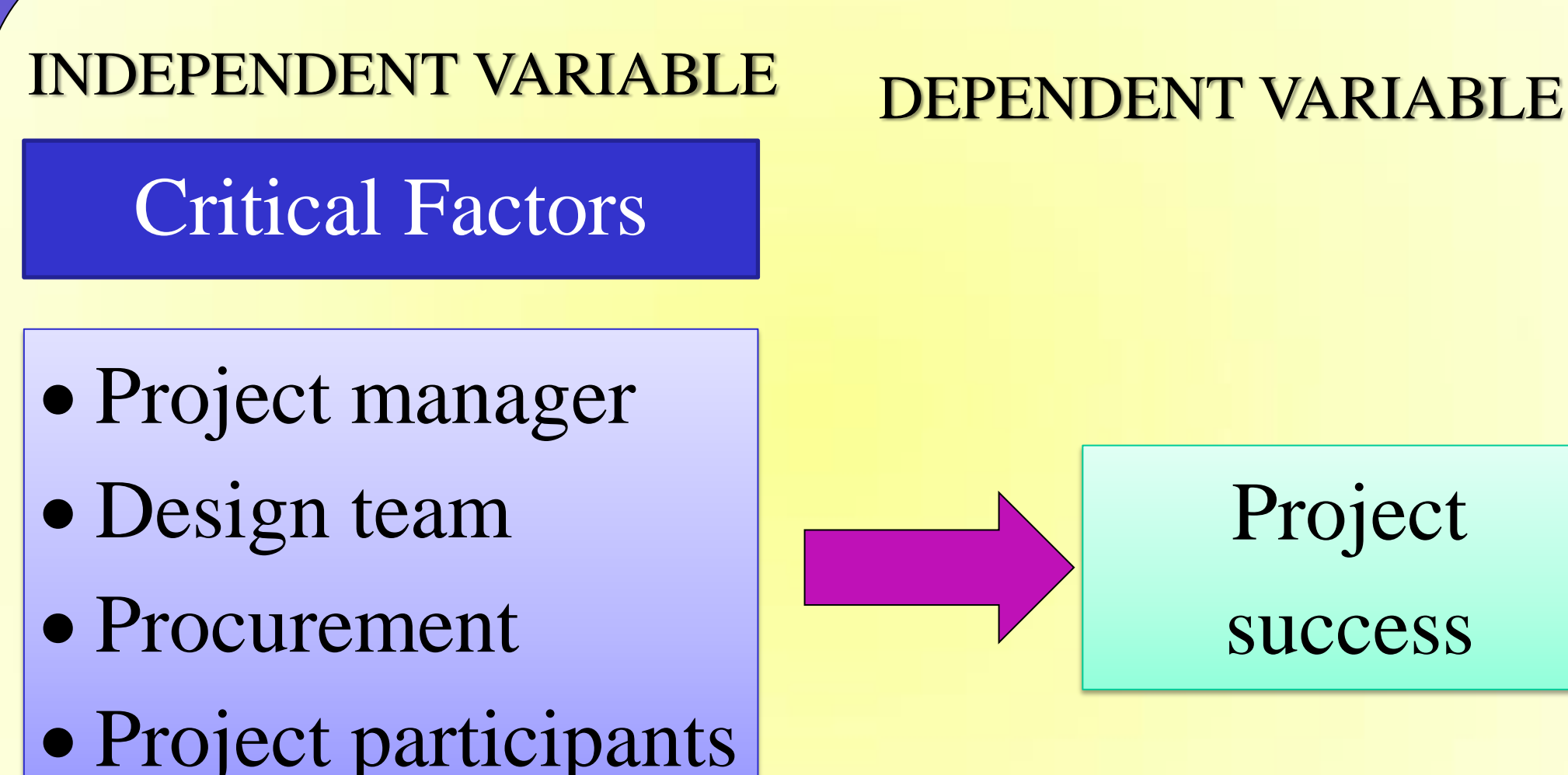
METHOD

Research Method : Quantitative

Research Techniques :

- Questionnaires
- SPSS Software
- Email

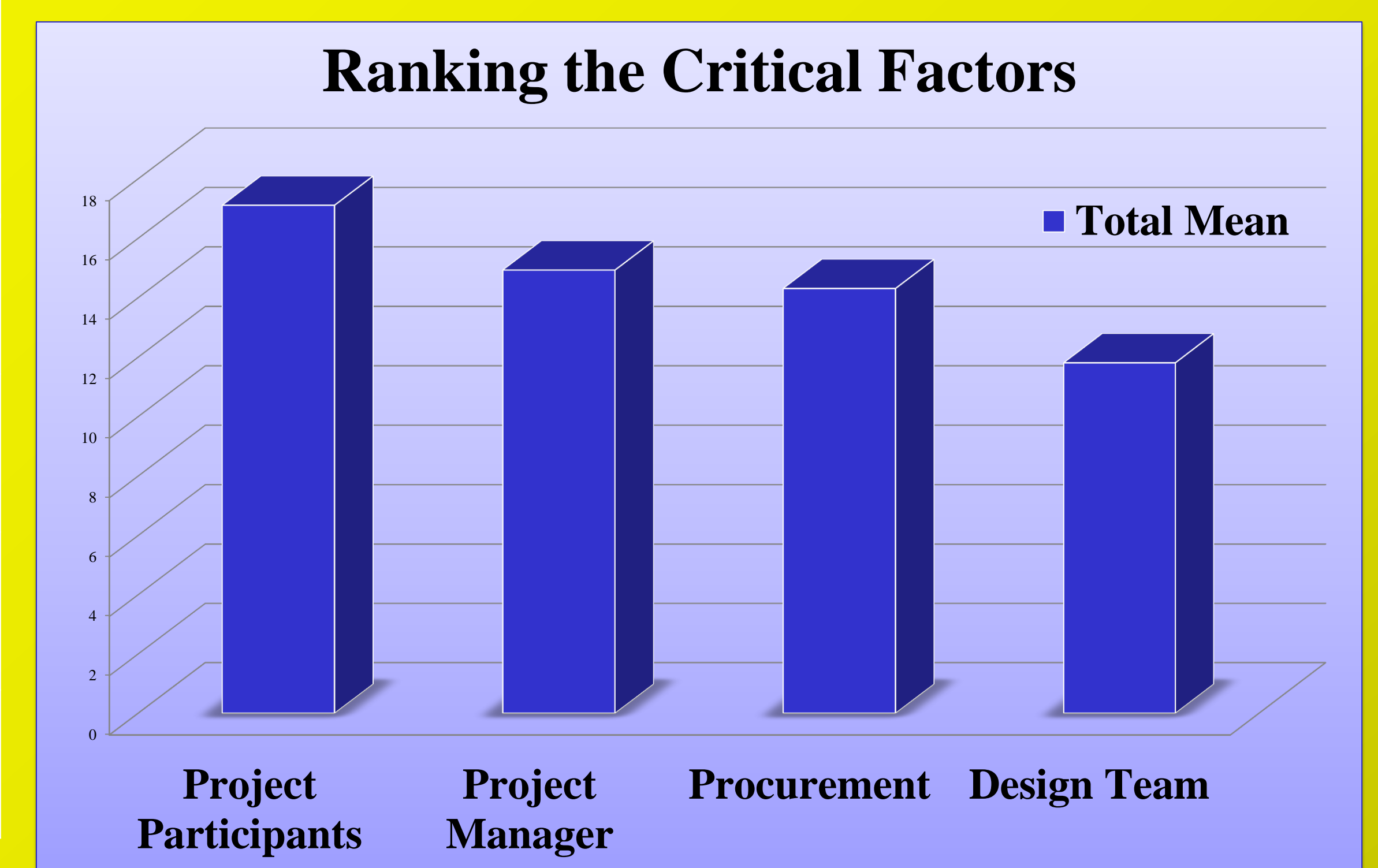
THEORITICAL FRAMEWORK



RESULT

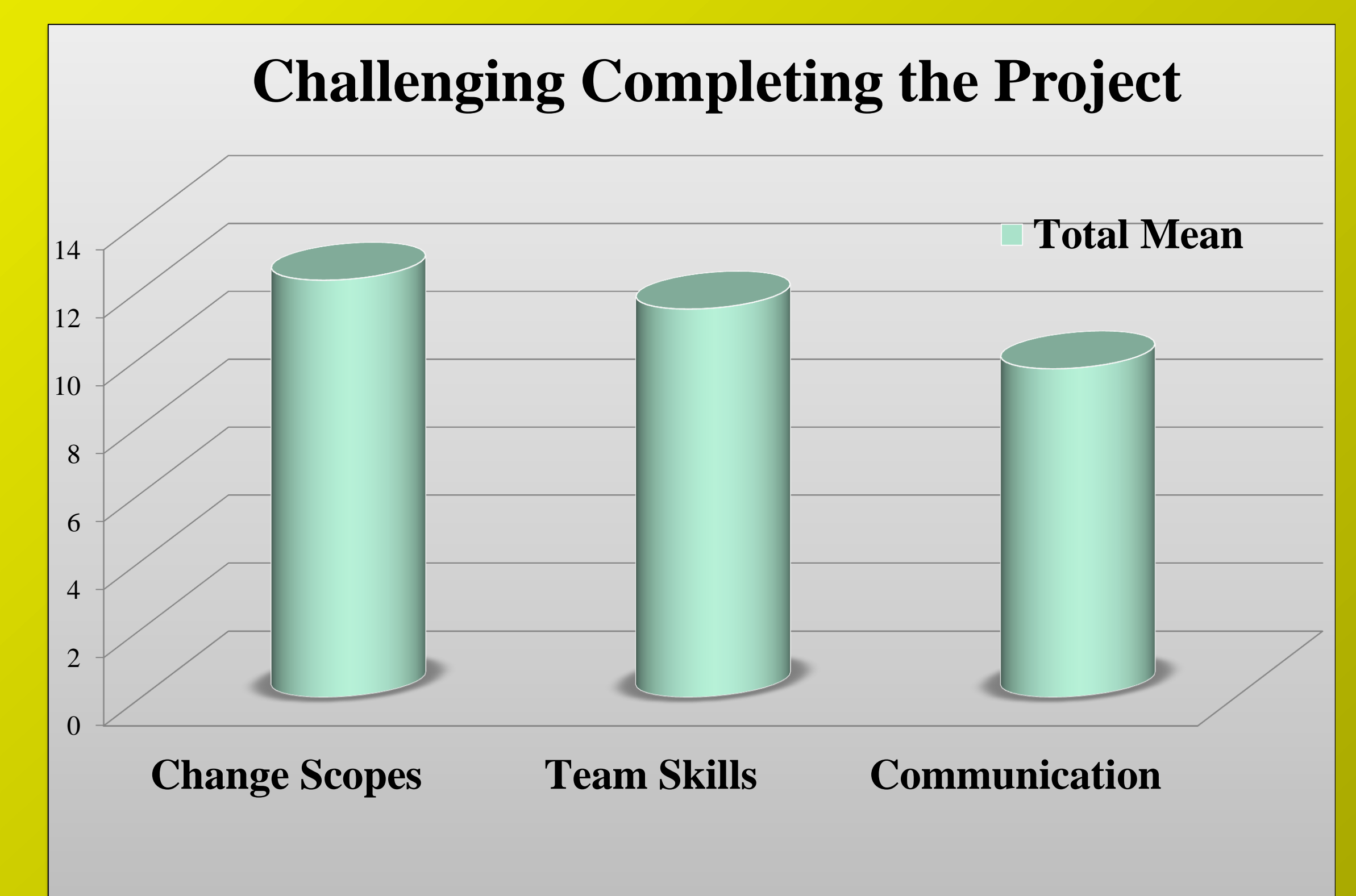
1) Summary of ranking of the critical success factors of project in construction industry :

| Factors | Total Mean | Total Rank |
|----------------------|------------|------------|
| Project Participants | 17.11 | 1 |
| Project Manager | 14.93 | 2 |
| Procurement | 14.31 | 3 |
| Design Team | 11.81 | 4 |



2) Summary of ranking of the challenges in completing the project in construction industry :

| Challenges in Completing the Project | Total Mean | Total Rank |
|--------------------------------------|------------|------------|
| Change Scope | 12.27 | 1 |
| Team Skills | 11.42 | 2 |
| Communication | 9.66 | 3 |



CONCLUSION AND RECOMMENDATION

1. The results show that all objective of this research achieve.
2. In this study it can be summarized that the most critical success factors of project is Project participants. The most challenges in completing the project is Changes Scope.

1. Develop the research to more respondents, which is open to all category of the contractors not just focus on the G7 contractors.
2. Find more factors that also contribute to project success and also the challenges in completing the project in construction industry.
3. Using both types of method while do the research such as quantitative and qualitative method. This can make more variety answer from the respondents.
4. We also can increase number of respondents to make the research more good and effectively.