

EFFECT OF LEAN PROCUREMENT ON SUPPLY CHAIN PERFORMANCE IN CONSTRUCTION INDUSTRY: AN EMPIRICAL STUDY ON TWIN CITIES OF PAKISTAN



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requirement for the award of the degree of
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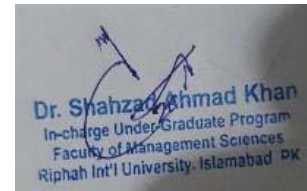
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Dedication

*This Research Study is dedicated to my
Parents , Brothers. Friends and Teacher*

ACKNOWLEDGEMENT

From the core of my heart, I would love to thank Almighty ALLAH for the unconditional love He has shown me throughout my life and strength He has provided me to cope with any challenges that came across in my life. I owe a great debt of gratitude to my parents who always prayed for my success and their unconditional love to see me successful in accomplishing my goals throughout my life. I would like to appreciate the supporting effort of all those who have helped me throughout my Master's degree especially my brother Engr. Jamal Ali who always stood besides me to help and support me both morally and financially.

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I dedicate this thesis to the prayers of my mother , to the support of my father , to the care of my brothers Bilal Hussain and Jamal Ali , to the laughs of my niece Khadija Bilal , to the evergreen smile of the my nephew Muhammad Ibrahim , to the ever talkative silence of my niece Ayesha Bilal.

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ABSTRACT

This study has focused mainly on investigating the effect of lean procurement on supply chain performance in construction industry. This study has considered e-procurement, lead time, waste elimination and cost reduction as independent variables, supplier relationship as moderating variable, and supply chain performance as dependent variable in this study. The vital significance in this research has been on determining the relationship between e-procurement, lead time, waste elimination and cost reduction (independent variable), supplier relationship (moderating variable) and supply chain performance (dependent variable) in construction industry in twin cities of Pakistan. To verify this relationship, a survey has been conducted through an adopted structured questionnaire regarding this literature, in which supply chain members associated with construction firms operating in twin cities of Pakistan have been requested to share their experiences by filling the questionnaires. Then, to identify the results on data gathered from the respondents, statistical instruments have been used. Some of the statistical instruments used in this study includes descriptive frequencies, reliability, correlation, regression, moderation, etc. Results derived through statistical instruments by using the software SPSS have shown that there exists a significant positive relationship between e-procurement, lead time, waste elimination and cost reduction (independent variables), supplier relationship (moderating variable) and supply chain performance (dependent variable). Conclusively, it has been proved that e-procurement, lead time, waste elimination and cost reduction positively impact supply chain performance in construction industry in twin cities of Pakistan. Furthermore, moderation analysis has proved the significant moderating effect of supplier relationship on the relationship between e-procurement, lead time, waste elimination and cost reduction (independent variables) and supply chain performance (dependent variable) in construction industry in twin cities of Pakistan.

Key Words: Lean Procurement, E-Procurement, Lead Time, Waste Elimination, Cost Reduction, Supplier Relationship, Supply Chain Performance, etc.

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