

## **RESTRICTED**

### **ABSTRACT**

This research is focuses on the lead time in the process of procurement of spare parts in Sri Lanka Army Ordnance Corps. Main objective of this study is to identify the factors which affect for the delay the procurement of spare parts in the Sri Lanka Army Ordnance Corps (SLAOC). Further based on theory and previous researches formulated hypothesis is “effect of procurement failure has an impact on lead time”. According to that researcher has identified five independent variables namely, procedure impact, employee impact, financial impact, and technician impact. As a dependent variable select lead time on the process of procurement of spare parts in SLAOC. The research methodology was designed to collect the data from 60 participants by using 36 questionnaires. Researcher has used quantitative analysis method to analyze the data from SLAOC participants. At the same time there are 20 Sri Lanka Electrical and Mechanical Engineering (SLEME) participants to measure the technician impact on the lead time. The collected data was analyzed by using Statistical Package for the Social Sciences (SPSS) system. Finally it was revealed that financial impact, procedure impact, supplier impact, has significance effect on Lead time. In order to maintain the proper time line Researcher has recommend few important points and it will be benefitted for future modifications.

**Key words:** procedure impact, employee impact, financial impact, technician impact  
Lead time.