

Executive Summary

Civil Engineering and construction industry is one of rapidly growing industry in Sri Lanka. End of the three decades' brutal civil war change the country's economic strategies, national and personal interesting, which was made rapid growing and demand in construction industry and leads to made increasing demand in island wide for the quality construction materials. Limited access to some construction materials, environment policies and government regulations influencing the excavating and transporting of these materials. This further increase the demand for construction materials and made volatile prices in the market.

Purchasing high quality construction materials for the best price, time and the effort need to be invest in purchasing activities are became prime difficulties and challenges for most of construction contractors and personal house constructing individuals. More importantly, most of large scale construction contractors in Sri Lanka even don't have automated supply chain management software systems and sustainable construction material supply chain process in their business operations.

This project tried to exploit this construction material market's gaps and opportunities and started a business that provides eCommerce services to construction contractors and individuals to find best cost suppliers in their construction materials procurements activities. Project executed through seven main project components, which mainly includes the business modeling, strategy planning and execution and software product solution development.

Project management techniques such as Gantt chart, WBS are used in managing the project. Further, Agile Software Development methodology used in the software product development activities. Sole proprietorship business started as an output of the project. Further, project able to outcome a business relationship with the International Construction Consortium (Pvt) Ltd which benefits for future business expansions. The writer played roles of the entrepreneur, a project manager and a software developer in this project execution.