Abstract

The adoption of design and build contract in the private and public sector projects has been rapidly growing. Contractor’s single point of responsibility to the client reduces the problem of design and constructibility. However, the pressure on the designer and contractor to provide detailed and timely information may cause possible detriment to the design quality. This dissertation aims to examine the different factors that contribute to the successful design and its impact on project performance.

The success of design and build contract is attributed to the client’s perception of problems associated with the design phase and the ability in managing the design. Major factors for the success include a clearly defined project objective, comprehensive contract documentation, as well as well-defined communication tool between the different disciplines in the design team, and finally, the willingness of the client, contractor and designer to work together as a project team partnership.