

A STUDY AND IMPLEMENTATION OF A SECURE STATIC IMAGE AND INFORMATION DISTRIBUTION VIA BLUETOOTH TECHNOLOGY IN A LIVE AUCTION ENVIRONMENT

Prepared by: Ponselvan A/I Sivalingam

ABSTRACT

This system aims to implement a secure and discrete environment to conduct auctions. It will allow bidders in an auction house to receive pictures and information from the auctioneer over bluetooth connection. The bidders will be equipped with WinCE PDAs and the auctioneer would have a laptop. The auctioneer would be able to send the relevant image and information of the current item up for bid to all the potential bidders present in the auction house on a wireless network. The potential bidders then submit their bids to the auctioneer's laptop which acts like a server. The connections between the bidders and the auctioneer will be made on an ad-hoc basis according to the preferences of the bidders. This can be applied in all auctions worldwide.