

Security System Design Process

	Phase	Goals
	<h2>1 Conceptual Design</h2> <ul style="list-style-type: none">1.1 Existing Conditions Survey1.2 Needs Analysis:1.3 Preliminary Conceptual Design Budget	<ul style="list-style-type: none">• Understand the current and relevant security policies, procedures and responses.• Understand the effectiveness of the current systems deployed and the affects on operations.• Understand future expectations and requirements of the proposed systems.• Develop a preliminary design and budget that meets the expectations and needs (both operational and regulatory).
	<h2>2 Detailed Technical Specification & Design</h2> <ul style="list-style-type: none">2.1 Outline Specification2.2 30% Design Documents2.3 60% Design Documents2.4 90% Design Documents2.5 Final Design Documents	<ul style="list-style-type: none">• Ensure the design remains within budget.• Ensure the system designed meets the current and future needs.• Ensure the system is specified in a manner that will allow vendors submitting proposals to completely understand the requirements of the system including components, integration, migration, installation, support, training and maintenance.
	<h2>3 Vendor Selection</h2> <ul style="list-style-type: none">3.1 Pre Bid Conference3.2 Questions and Addenda3.3 Bid Review and Recommendation	<ul style="list-style-type: none">• Ensure that each vendor understands the entire scope of the project.• Ensure that bids are submitted in a format that allows for effective bid analysis to be conducted.• Ensure that the most effective and efficient vendor is selected to install, maintain and support the system.
	<h2>4 Engineering Construction Services</h2> <ul style="list-style-type: none">4.1 Construction Period Services4.2 Project Completions	<ul style="list-style-type: none">• Ensure the installation of the system is on time and on budget.• Ensure the system specified is professionally installed. Ensure that the system functions in a manner consistent with operational and technical specifications.