**Budget**



## Phase 1: Security Posture Assessment and Strategy Development

During the Security Posture Assessment, an updated inventory of IT assets will be made with the cooperation of City staff. It also involves mapping out the attack surface of a city. With CyberQuack’s in-house scanning and assessment tools, this assessment will only consist of Personnel costs. Our EDR Specialist and Compliance and Security Manager will use information from these assessments to develop a thorough plan for the EDR implementation whilst making sure to follow security standards laid out in the Security Framework.

**Estimated Cost: $240000+**

Posture Assessment

Lead Ethical Hacker - $6000 for 2 weeks

Security Engineer - $4000 for 2 weeks

Security Engineer - $2000 for 1 week

Technical Analyst - $2000 for 1 week

Strategy Development

EDR Specialist - $6000 for 2 weeks

Compliance Security Manager - $5000 for 2 weeks

Phase 2: EDR Initial Setup and Development

CyberQuack’s partnership with Crowdstrike allows us to offer their Latest EDR innovations at a bargain price. During Phase 2, equipment including additional endpoints, servers, and network infrastructure need to be set up. Most of the cost accumulated during this phase will be dependent on the scope determined in Phase 1. As a pre-caution for unpredictable consequences, a contingency fund is proposed only for the most damage prone and sensitive equipment. The servers to be installed also require additional software that ensure high availability throughout the system.

**Estimated Cost: $160000+**

EDR Initial Setup  
Incident Response Manager - $12000 for 5 weeks  
EDR Specialist - $10000 for 3 weeks  
Technical Analyst - $8000 for 4 weeks  
Technical Analyst - $6000 for 3 weeks

Vulnerability Testing  
Compliance and Risk Manager - $5000 for 2 weeks  
Security Engineer - $4000 for 2 weeks

City-wide Network Infrastructure  
Equipment Estimate - $120000+ (Depending on inventory of assets)  
Contingency Fund - $20000

Software Licensing  
Crowdstrike EDR - $924.95 annually  
Server Software - $3799

Phase 3: EDR Deployment and Optimization

During Phase 3, The EDR Solution will be fully deployed with a central management console for easy monitoring. We will also be conducting training sessions for local City staff. After deployment has been finished, our pentesting team will work together with the deployment team to optimize and fine tune the EDR configuration.

Deployment and Training

Incident Response Manager - $5000 for 2 weeks  
EDR Specialist - $4000 for 2 weeks  
Technical Analyst - $3000 for 2 weeks  
Technical Analyst - $1500 for 1 week

Pentesting and Optimization

Lead Ethical Hacker - $3000 for 1 week

Security Engineer - $2000 for 1 week

Software

Central Management Console (CMC) - $1099

Phase 4: Continuous Improvement and Closure

During the last phase of the project, continuous monitoring will be provided with regular assessments to improve the system. Costs will consist of maintenance and upkeep for these services.

Continuous Monitoring and Improvement Upkeep -$1299 annually

Crowdstrike Licensing and Renewal Fees -$924.95 annually