**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: $29000**

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 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.

**Estimated Cost: $160000+**

Crowdstrike EDR – $924.95 annually

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

Equipment Estimate : $120000+ (Depending on inventory of assets.)

Phase 3: EDR Deployment and Optimization

During Phase 3, The EDR Solution will be fully deployed and we will 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

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 costs for these services.

Continuous Monitoring and Improvement Upkeep: $1299 annually

Phase 1: Security Posture Assessment and Strategy Development

* Weeks 1-2: Project Kickoff and Initial Assessment
  + Assemble project team
  + Initial security posture assessment
* Weeks 3-4: Planning and Strategy Development
  + Define zero-trust architecture transition plan
  + Develop threat hunting and incident response protocols

Phase 2: EDR Initial Setup and Development

* Weeks 5-6: Tool Selection and Procurement
  + Select and procure Crowdstrike’s EDR technology
  + Begin vulnerability scanning
* Weeks 7-10: Infrastructure Setup and EDR Implementation
  + Set up servers and network infrastructure
  + Initial EDR system implementation and configuration
* Weeks 11-14: EDR Development and Testing
  + Develop custom EDR components
  + Begin continuous vulnerability testing with red team

Phase 3: EDR Deployment and Optimization

* Weeks 15-18: Deployment and Staff Training
  + Deploy EDR solution across the network
  + Conduct staff training sessions on the new system
* Weeks 19-22: Optimization and Fine-Tuning
  + Optimize EDR configurations based on red team feedback
  + Fine-tune threat hunting and incident response procedures

Phase 4: Continuous Improvement and Closure

* Weeks 23-26: Monitoring and Continuous Improvement
  + Initiate continuous monitoring phase
  + Regularly review and update the security measures
* Weeks 27-28: Project Review and Closure
  + Conduct final project review
  + Document lessons learned and close the project