**TECHNICAL PROPOSAL**

**TECHNICAL APPROACH**

**VLOL PROGRAM REQUIREMENTS**

1. **General Requirements**

In this section of our proposal, we will address overview approach of our VLOL software implementation and migration to integrate to City of Salisbury Gov. cloud overall system. We will be using network that will adhere to City of Salisbury Gov. IT infrastructure and security requirements to connect to the application.

1. **Technical Solution**

*Problem Statement:*.

*Solution:* VLOL

1. **Fielding and Deployment**
2. **Hosting**

*Web server/Application server:*

*Database server:*

*Network:*

1. **Training**
2. **Sustainment Support and Services**
3. **MODULAR OPEN SYSTEMS DESIGN**
4. **MODEL DRIVEN INFORMATION EXCHANGE**
5. **INTEGRATED SYSTEM MANAGEMENT FUNCTIONS**
   1. **Business Activity Monitoring**
   2. **Security Management**
   3. **Performance Management**
   4. **Service Level Measurement**
   5. **Fault Management**
6. **TECHNICAL STANDARDS**

1. **EXTENSIBLE CORE SCALABLE SOFTWARE ARCHITECTURE**
2. **HARDWARE**

1. **SOFTWARE**
2. **COMPONENT INTEGRATION**

1. **HOSTING**

## 

## **Hosting Information**

|  |  |  |  |
| --- | --- | --- | --- |
| **Ports** | **Protocols** | **Services** | **Purpose** |
| xxxx | TCP/IP | SQL Server | SQL Server database connection |
| xxxx | TCP/IP | HTTPS | Server-Server and Workstation-Server communications |
| xx | TCP/IP | SMTP | Outgoing email |

**System Diagram**

**Database ERD Diagram**

1. **ASSUMPTIONS**
2. **INFORMATION ASSURANCE APPROACH**

**N. SYSTEM SECURITY PLAN**

* Server Level:
* Application Level:

**O. TRAINING**