**Stantec Consulting Services Inc.**
1500 Lake Shore Drive Suite 100
Columbus OH 43204
Tel: (614) 486-4383
Fax: (614) 486-4387

September 30th, 2013

City of Columbus, Department of Public Utilities
910 Dublin Rd
Columbus OH 43215

Dear Todd Pulsifer:

**Reference: Responder Implementation (Phase 5)**

In accordance with Solicitation #SA003234 – GIS Conversion Services, Stantec Consulting Services Inc., and Telvent USA, LLC, a Schneider Electric company, are pleased to provide this scope of services to the City of Columbus Department of Public Utilities.

Telvent USA will provide services as outlined in the attached document titled, "Scope of Work Responder Implementation," and dated 9/18/2013.

Stantec will provide contract administration services for the duration of the project. Using the Project Schedule included on page 12 of the SOW, Stantec has included costs for 4 months of this service. Stantec will also provide up to 24 hours of GIS data services to assist the City with data changes to conform to the requirements of the Responder Software.

| **Stantec Tasks** | **Sr. Project Engineer** | **GIS Analyst** | **Total Hours** | **Total Cost** |
|---|---|---|---|---|
| Contract Administration | 20 | - | 20 | $ 2,498.40 |
| GIS Data Services | - | 24 | 24 | $ 1,869.12 |
| | | | | |
| **Telvent USA Tasks** | | | | |
| Responder Implementation Services | | | | $ 155,205.34 |
| Responder Site License | | | | $ 25,000.00 |
| | | | | |
| **Total** | | | | $ 184,572.86 |
| | | | | |
| **Stantec Labor Rates** | **Sr. Project Engineer** | **GIS Analyst** | | |
| Standard Rate | $41.64 | $25.96 | | |
| Rate with 3x Multiplier | $124.92 | $77.88 | | |

We appreciate this opportunity and look forward to working together on this project.

Sincerely,

**STANTEC CONSULTING SERVICES INC.**

Tadd Henson
Senior Associate
Tel: (614) 844-4005
tadd.henson@stantec.com

Nicholas Soltes
Senior GIS Analyst
Tel: (614) 844-4018
nicholas.soltes@stantec.com

## Scope of Work

# Responder Implementation

Prepared for:

City of Columbus

Proposal Date: 9/18/2013

Make the most of your energy

Schneider Electric

Telvent USA, LLC (Telvent) is a Schneider Electric company formed under the laws of the State of Delaware. Telvent USA, LLC (Telvent) works collaboratively with Schneider Electric in bringing powerful new opportunities for our customers.

The Telvent Utilities Group business unit and its affiliates ("Schneider Electric Utilities Group") maintains its headquarters at 4701 Royal Vista Circle; Fort Collins, CO 80524 with significant presence in Houston, TX, Athens, GA, Philadelphia, PA, and Vancouver, WA.

**INTRODUCTION** ..... **3**
**GENERAL ASSUMPTIONS** ..... **3**
**PROJECT ROLES AND RESPONSIBILITIES** ..... **4**
SCHNEIDER ELECTRIC RESPONSIBILITIES ..... 4
CITY OF COLUMBUS RESPONSIBILITIES ..... 4
**PROJECT SERVICES** ..... **5**
**OPTIONAL PROJECT SERVICES** ..... **10**
**LIST OF DELIVERABLES** ..... **10**
PROJECT DELIVERABLES ..... 10
**PROJECT MANAGEMENT** ..... **12**
PROJECT SCHEDULE ..... 12
PROJECT REPORTING ..... 13
PROJECT MEETINGS, AGENDAS, AND MINUTES ..... 14
SCOPE CHANGE MANAGEMENT ..... 14
ON-SITE OFFICES ..... 15
**SERVICES QUOTE** ..... **16**
**SOFTWARE QUOTE** ..... **17**

## Introduction

Telvent USA, LLC (Telvent) is a Schneider Electric company formed under the laws of the State of Delaware. The Utilities Group business unit of Telvent and its affiliates ("Schneider Electric Utilities Group, Schneider Electric") is pleased to provide this proposal to assist City of Columbus (City) with an implementation of Responder at City.

This document details the tasks that the Schneider Electric and City will accomplish in the implementation of Responder at City. The structure of this document will reflect the Project Schedule, provided at the end of the document. As this is a joint effort, this document will identify responsibilities for individual tasks as appropriate. Telvent and City will complete the tasks detailed in the following sections. Should City request Telvent perform services beyond those specified, a contract change order will be required.

## General Assumptions

1. All on-site work under this SOW will be performed at City's facilities in Columbus, Ohio. Any exceptions for specific activities must be mutually agreed to by City and Schneider Electric.
2. If Schneider Electric and City deem it necessary, for further understanding of City procedures and business processes, the team shall facilitate discussions to make the most appropriate design.
3. City and Schneider Electric shall work together based on the timing and resources provided for in the agreed upon project plan post project launch. Should it be the case that variations take place from the details in the project plan the respective Project Managers from the two companies shall work together to attempt to resolve the issue. Should the City requested variation in schedule or scope be a material change, a change order may be required.
4. Schneider Electric's documentation and development methodology allows for adaptation of the best fit approach/methodology to be applied to the different development areas being undertaken on the project. The approach for discussing, documenting, developing and reviewing different development areas during the project is iterative and allows for appropriate levels of City review and approval.
5. For any development required, Schneider Electric reserves the right to use any appropriate software development methodologies to successfully meet SOW and contractual requirements.
6. The List Of Deliverables (LOD) referenced in this SOW for software represent Schneider Electric's best understanding of necessary software components based on the requirements as understood at the time of execution of the SOW and contract.
7. All applicable design meetings will involve on-site presence of Schneider Electric team representatives. City personnel will participate in the design meetings and will be prepared for the topic for that workshop in accordance with the Project schedule. Prior to the meeting an Agenda will be defined. At the end of the meeting, meeting minutes, together with the action items list, will be approved by both parties. Rescheduling of the meetings has to be announced with a one week advance notice.
8. City will support Schneider Electric in all necessary technical clarifications and vice versa.

9. For the Work Products that the City team needs to create and the Schneider Electric teams have a dependency, the Schneider Electric teams will have the ability to play a role in the review/accept process.

# Project Roles and Responsibilities

## Schneider Electric Responsibilities

Schneider Electric personnel in accordance with the contract shall be responsible for meeting the specific terms of the SOW, as well as the clear intent of the SOW, and ensuring all functions work in a useful manner. Specifically, Schneider Electric responsibilities shall include, but not be limited to, the following items and/or services related to the City Responder Implementation project:

1. Program and Contract Management.
2. Lead core team training and configuration workshop session at City facilities
3. Provide all Responder implementation and configuration services necessary for the system implementation as defined in the SOW and contract.
4. Implement the new Responder system according to Schneider Electric quality standards.
5. Supply System documentation.
6. Provide Test and Acceptance Plan.
7. Lead Working with Responder end user training class for up to six (6) City users.
8. Provide adequate personnel on-site at City to support and perform Site Acceptance Testing (SAT) as detailed above.
9. Ensuring and periodically demonstrating that the work is progressing according to the approved schedule.

## City of Columbus Responsibilities

City is responsible for providing the proper environment and facilities for the system, and for performing the support work associated with the project. Specifically, City responsibilities shall include, but not be limited to, the following items and/or services related to the Responder Project:

1. Participate in weekly conference calls.
2. Participate in monthly progress meetings.
3. Provide feedback to technical issues and questions raised by Schneider Electric.
4. Provide adequate space in production and backup centers equipment room for new equipment if required.
5. Review and approve project deliverables such as, but not limited to, project schedule, stored display and page template formats, training plan, test plans and procedures, test results, and as-built system documents.

6. Participate in design reviews, as appropriate, to adhere to required document review time.
7. Assist Schneider Electric in the installation of all software.
8. Approve/reject all test results per terms of the contract.
9. Monitor and verify Schneider Electric's work is progressing in accordance with the schedule.
10. Verify that all Schneider Electric materials, installation practices, and workmanship conform to requirements.
11. Provide a dedicated VPN access point to allow remote access to the field-installed system from Schneider Electric's site to facilitate troubleshooting during implementation and maintenance support.
12. Provide facilities for on-site training and Schneider Electric offices.
13. Have ArcGIS Server installed and configured to support the publishing of a prepared ArcGIS Map Document. The map document should contain landbase and electric features to be published as a Map Service for use within Responder Web

## Project Services

Schneider Electric will provide project services to City during the project. Although the list of services described in this section is not intended to be comprehensive, the major services are briefly described below:

1. **Responder Project Initiation.** Schneider Electric will present the project plan to review the tasks, responsibilities, and dependencies and provide a presentation covering the methodology to be used for the project. The team will review the goals and methodology for the project and make sure all participants fully understand. The team will then cover the administrative framework for managing the project. We will establish communication protocols, business processes, and change control processes.

   The team will review the project schedule and make adjustments to the schedule as needed to accommodate any team member's existing commitments.

2. **Core Team Functionality Review Workshop.** Schneider Electric will present a series of demonstrations and Power Point presentations over a four (4) day workshop to introduce City's team members to the functionality and options for configuration available within Responder. These presentations will cover the Responder Web Browser application, the Responder Explorer, and the Responder tools available within ArcFM.

3. **Responder Data Preparation.** Schneider Electric will perform the following tasks to prepare the City data to be used with Responder.

   The team will review City's data stored in ArcFM. This review will cover:

   - The Responder required customer to network relationships (customer to service point, or transformer relationship)
   - Phasing information

- Feeder Manager configuration
- Add Model Names to support Responder
- Assign Model Names
- Load point trace weight update
- Set Up Responder Map Layers

Additional tasks that may be performed based on the decisions made within the Core Team Functionality Review Workshop above:

- Display De-Energized Feeders (optional)
- Database Schema (optional)
- Create Network Level Field (optional)
- Address Field (optional)

4. **Install Responder and Edit Geodatabase.** After City confirms that the infrastructure for the Responder system is in place, Schneider Electric will install the Responder system at City.

   Schneider Electric will install the Responder software and configuration files. Additionally, Schneider Electric will create the Responder tables within the database to store Responder-specific data. Schneider Electric will require support from a system administrator or user accounts with full access to the RDBMS in order to accomplish this task.

5. **Responder Server Configuration.** Schneider Electric will perform the following services to configure the Responder Server:

   - **Data Services -** Schneider Electric will configure Data Services that act as a liaison between Responder Explorer, the Responder database, and the Responder web interface. Schneider Electric will perform the following configurations:
     - Data Services
     - Callbacks
     - Message Queuing
     - Submit Rules
   - **Prediction Services -** Schneider Electric will configure Prediction Services that is responsible for all incident prediction and roll-up. Schneider Electric will perform the following configurations:
     - Prediction Engine
     - Prediction Services configuration
   - **Query Windows Service** – Schneider Electric will configure Query Windows Service to handle refreshing and some queries to improve Data Services performance.
   - **Message Router** – Schneider Electric will configure the Message Router to facilitate communication between the primary business server and any secondary business

servers. If City elects to have only one business server and one set of message queues, this configuration is not necessary and will not be performed.

- **Message Queuing** – Schneider Electric will configure the Message Queuing to allow the various Responder components to communicate. Schneider Electric will enable Message Queuing on the machine that hosts the Responder services (Data Services, Prediction Services and Archive Services) and on the client machine.
- **Line Display Service** – Schneider Electric will configure the Line Display Service to allow for the line energization state to be displayed on the map.
- **Telemetry Service (optional)** – Based on the decision made within the Core Team Functionality Review Workshop above, Schneider Electric may configure this service to allow City to gather statistical information on the processing of Responder data.
- **Archive Services** – Schneider Electric will perform the following configurations related to Archive Services:
  - Archive Services configuration
  - History and Archive Tables
  - Archive Log File
  - Archive Cancelled Incidents
  - Archive Submit Rules

6. **Responder Web Server Configuration.** Schneider Electric will perform the following services to configure the Responder Web Server:
   - **Responder Web Explorer.** Schneider Electric will configure the Responder web explorer, and complete each of the steps listed below.
     - Enable Message Queuing
     - Enable Default Document (optional)
     - Configure IIS
     - Set the Windows Firewall
     - Configure for 64-Machine for 32-Bit Processes (required ONLY for 64-bit machines)
   - **Publish Map Service -** Responder requires a published ArcGIS Server map service to support the map functionality in Responder Web. Schneider Electric will assist City in publishing the map services using a map document prepared by City ahead of time. The map shall include at a minimum landbase features and electrically connected devices.
7. **Responder Client Machine Configuration.** Schneider Electric will perform the following configurations on a client machine that uses Responder (either accessed through ArcMap or as a standalone application).
   - Edit the ArcMap Remoting configuration file
   - Edit the Responder configuration file

- Edit the Archive Explorer configuration file
- Enable Message Queuing
- Install troublemaker on one client.

8. **Enter Truck, Crew Data, and Dispatchers.** Schneider Electric will provide up to four (4) hours of knowledge transfer to City to train City staff on the methods to enter Truck and Crew data into Responder using the Responder Explorer. City will be responsible for entry of all Truck, Crew data, and Dispatchers into Responder after this initial knowledge transfer.
9. **Populate the RX_Customers table.** This task is a onetime linking of the service points from the Geodatabase with data exported by the client from their CIS system using the CIS integration developed in the optional tasks series. If the CIS integration is not available the City will provide the exported data.
10. **Edit Geodatabase.** Schneider Electric will apply model names required for Responder and create the Responder Line Display feature class.

    Schneider Electric will modify the trace weights maintained by the system for load points (those locations on the network where load is assigned).Schneider Electric will complete this change and then run Feeder tracing to ensure the trace weights have been properly restored.
11. **Responder Factory Testing (FAT).** Schneider Electric and City will not be able to fully replicate the Responder OMS and external systems environment, therefore Schneider Electric will travel to City offices to conduct Factory Acceptance Testing (FAT) to ensure that all software deliverables comply with the accepted Specifications described herein. The Test and Acceptance Plan will form the basis of whether or not each component and interface passes the FAT process.

    Schneider Electric personnel will install and exercise all of the components and interfaces in accordance with the Test and Acceptance Plan. During FAT, Schneider Electric will verify that the systems interfaces are functioning properly.
12. **Configuration Check.** Schneider Electric will perform a system walkthrough with City representatives to confirm configurations have been completed and that the system is ready for Acceptance Testing. Schneider Electric will address any software configuration discrepancies identified during this review. City will address any infrastructure, related subsystem, or personnel issues.
13. **Site Acceptance Testing.** The responsibility for planning and execution of the site acceptance test rests with City including managing the test schedule, record keeping and variance tracking. Schneider Electric will provide full on-site testing support to City for the duration of the site acceptance. This will primarily be focused around observation management and variance resolution, but may also include advice and feedback on the use of the system for City resources that were not involved during earlier stages of the project. It is expected that City and Schneider Electric will work very closely together during the SAT, with daily meetings to discuss observations and agree on actions and priorities.

    During SAT, any defect that is reported will be logged in Schneider Electric's defect tracking system. Defects fixes where appropriate will be made onsite and retested

during SAT. Any defect that cannot be fixed onsite will be resolved at Schneider Electric's offices.

SAT will be deemed complete when all application and interfaces function in accordance with the Test and Acceptance Plan.

The process of reviewing and validating discrepancies during the SAT will follow this scenario:

- When the testing team finds a discrepancy they believe is a software defect, they will first attempt to validate the discrepancy by reproducing the discrepancy before reporting it to the implementation team. The Schneider Electric implementation team will work to validate the discrepancy. If the Schneider Electric Implementation team can validate the discrepancy, it will be recorded as a defect and classified as one of four defect priority levels (reference the descriptions in the table below).
- If the Schneider Electric implementation team cannot validate the discrepancy, the Schneider Electric Implementation team will ask the testing team to either provide more information or to demonstrate how and where the discrepancy occurs. Based on this information, the Schneider Electric implementation team will work further to identify the source of the discrepancy. The Schneider Electric Implementation team may determine that the discrepancy is not a custom component or application problem but instead a problem with data loading, non-application software, the network, an operator's use of the system, or a misunderstanding about how the system's business rules work.
- If the Schneider Electric Implementation team cannot replicate a reported discrepancy, or if the testing team cannot demonstrate it, or if it is determined by the Schneider Electric implementation team that the discrepancy has another cause not related to the Schneider Electric implementation team supplied application software, then the Schneider Electric Implementation team will notify the City testing team that the problem is not a software defect and identify the cause of the defect. If appropriate, The Schneider Electric Implementation team will recommend an action to take, for example, to reload certain data into the system.
- The Schneider Electric Implementation team will use a defect-tracking application to capture and prioritize defects and enhancements. During SAT, the Schneider Electric implementation team will hold a daily defect review meetings or conference calls to review the open defects and associated priority. Open issues will be assigned a severity level according to the table below.

| Severity | Description |
|---|---|
| 1 - Critical | A Severity 1 defect means that the application or process does not work as defined in the approved Design Document and the application or process is stopped with no work around. The defect(s) may affect multiple users on frequently used functions. |

| Severity | Description |
|---|---|
| 2 - High | A Severity 2 defect is less severe than a Severity 1 defect, but is the result of a significant problem(s). The defect severely impairs the process and reduces user productivity. No work around has been identified by the implementation team. It could be a major problem, which affects a limited number of users or affects functionality not needed on a daily basis. |
| 3 - Medium | A Severity 3 defects means that the process has been impaired but has a work around. The implementation team recommended work around. The user is able to function near the expected productivity level. Internal geodatabase structures are accurate and maintain their integrity. |
| 4 - Low | A Severity 4 defect does not have a significant impact on the process and reflects a minor problem(s). |

14. **Go Live.** The planning for the transition of the system from the Testing environment to the production environment. It is clearly anticipated that City will conduct and lead the transition of the Responder system into the production mode. Schneider Electric resources will be required to support City during the actual system transition to minimize risk.
15. **Responder Deployment Support.** Schneider Electric will provide an offsite technical resource to work with City team during the initial month of operational use to resolve any issues, work with users to clarify procedures, and help adjust configuration items as required. Schneider Electric assumes that this person will use remote access to City's OMS environment to assist in any troubleshooting.

# Optional Project Services

# List of Deliverables

## Project Deliverables

The project deliverables for the supply and installation of the system are set out as follows:

- Hardware
    - None
- Software
    - Responder
    - ArcFM Server
- System Documentation

- Schneider Electric will provide complete documentation for the Responder system in the form of the application Help documents. These files are also available online at resources.arcfmsolution.com

- Acceptance Test Documentation
  - Schneider Electric provides a standard Test and Acceptance plan, and will work with the City to make any agreed upon changes to this plan.

- Training
  - Onsite two (2) day Core Team presentation and review of the functionality and configuration options available within Responder. Schneider Electric will provide copies of all MS Power Point slides used in the Core Team training sessions.
  - Schneider Electric shall provide a comprehensive end-user training consisting of the following end-user training class for up to six (6) City staff:

    **Working with Responder.** This three (3)-day course provides a detailed overview of the complete end-user functionality offered by Responder. Course content is structured around four main modules: Responder Web Browser, Responder Explorer, Responder in ArcMap, and Responder Archive, divided into a series of sub modules covering the complete range of Responder functionality from call entry, reporting, and customer callbacks to incident management, crew dispatch, and switching/restoration orders. Conceptual lecture presentations are coupled with real world exercise scenarios based on the fictitious town of Schneiderville in order to provide attendees with a truly hands-on, experiential approach to learning Responder in its entirety.

    Included in this course:

    - Getting to know Responder Web Browser, Responder Explorer, Responder in ArcMap and Responder
    - Archive
    - Call Entry
    - Creating an incident
    - Managing incidents
    - Tracing
    - Switching orders

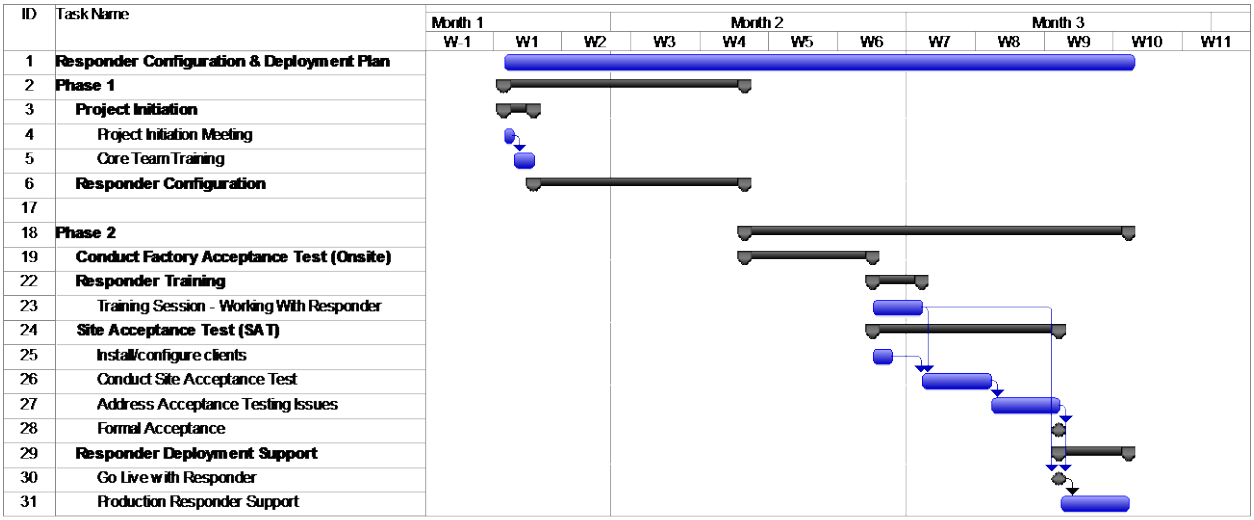
    This will be a standard Working with Responder training course making use of Schneiderville data and the standard Responder incident management workflow. The Schneider Electric Trainer will bring a laptop that contains an ArcSDE instance of Schneiderville to be used during the training class.

# Project Management

## Project Schedule

Schneider Electric shall use the Microsoft Project (MS Project) for all communications with City concerning the project schedule. The version of MS Project used for the project shall be determined early in the project and mutually agreed to by both City and Schneider Electric. This project management application shall be used to track the progress of the project from start through completion. Schedule monitoring shall be based on a comparison of completed tasks versus scheduled tasks and estimation of the required effort to complete the remaining tasks.

The project schedule below represents an estimate of the schedule at the time of contract execution and does not reflect the Schneider Electric or City resource availability or holiday schedules. Actual project duration may different than the plan depicted below. Schneider Electric and City will collaborate during project launch and throughout the life of the project to manage and maintain the schedule.



## Project Reporting

Below are the key Project reporting deliverables for the project.

| Deliverable | Description | Freq. | City Approval |
|---|---|---|---|
| Weekly Project Meeting Minutes | As required, project meetings will be held at weekly to review project schedule, action items and status of active and future activities. Meeting minutes will be kept by Schneider Electric and mutually agreed to by both parties. The minutes will summarize all significant discussions, document all decisions, list and describe all action items resulting from the meeting and list and describe all agreements that may require a change order.<br>The meeting minutes shall not be binding or intended to become part of the contract or SOW. The intent of both parties is that the meeting minutes shall serve simply as a record of the discussion of each week's meeting. If the parties discuss a change to Schneider Electric's obligations under the SOW, a change order is required in order to be binding. | Weekly | Yes |
| Monthly Project Report | The report is delivered to the City project manager on a monthly basis and, at a minimum address the following areas:<br>• Brief project summary<br>• Overview of project status<br>• Milestone status<br>• Action items<br>• Significant issues<br>• Risks and actions for escalation<br>• Scope change summary/status<br>• Updated project schedule<br>The report shall also include an explanation in the milestone and action item sections the cause or source of any variances, alternatives considered, solutions adopted or recommended, and the outcome achieved or anticipated. | Due by the 5th of each month. | Yes |

| Deliverable | Description | Freq. | City Approval |
|---|---|---|---|
| | The report shall identify delivery dates of any City furnished information or equipment. Schneider Electric shall be responsible for any schedule delays due to insufficient notification to City of the need for such information or equipment not already addressed in the SOW. | | |
| Project Schedule | MS Project schedule that covers overall activities, resources, & timing of the project. Generally updated weekly and attached to the monthly report and weekly meeting minutes to show progress against schedule baseline. | Reviewed and submitted monthly. | Yes *(where key project milestones and/or* City*'s obligations are impacted)* |

## Project Meetings, Agendas, and Minutes

As required, project meetings shall be held weekly to review project progress, action items, and technical/commercial issues in order to maintain coordination between City and Schneider Electric.

Schneider Electric shall prepare minutes of each meeting. Both City and Schneider Electric shall review and approve the minutes. The meeting minutes shall not be binding and are not intended to become part of the contract or SOW. The intent of both parties is that the meeting minutes shall serve simply as a record of the discussion of each week's meeting. In addition to the monthly meetings, an executive-level meeting shall be held monthly. This meeting shall be conducted via conference/video call or on-site if requested by City and shall include, in addition to the Schneider Electric project manager, the Schneider Electric highest ranking official responsible for the delivery of the project. The following items shall be addressed at the executive-level meeting: 1) project current schedule, 2) actions to correct schedule delays, if any, 3) project member changes, if any, 3) main project milestones met and project milestones to be met, and 4) any project risks & mitigation actions, if applicable.

## Scope Change Management

Change is an inevitable part of execution of a complex project that must be controlled to ensure requirements are met within agreed constraints of time, cost, quality and scope. The objective of this scope management approach is to ensure the impact of changes is fully understood, agreed, documented and communicated so that there are no surprises to City. This objective will be achieved by adopting a formal Scope Change Management Process to be defined as part of the Master Services Agreement.

This change control process is to be followed whenever a change is requested by either Schneider Electric or City. This includes all changes to the requirements, services, deliverables

and/or price. When changes are required to the Statement of Work, the parties shall execute a change order as described in the professional services agreement.

## On-Site Offices

Both City and Schneider Electric shall make available office facilities for use by the other party. Office space, furniture, and reasonable office services such as internet, telephone, facsimile, copying, printing, mail and courier services, access to meeting rooms.

City will provide work space to accommodate resources as defined in the project plan from the Schneider Electric staff at the City offices throughout the project.

## Services Quote

Date: 3-Sep-13
Quote Number: 2013-2103
To: City of Columbus

**Receiving Party:** City of Columbus
We are pleased to submit the following Fixed Price Quote for:
**Responder Implementation**

PROPOSED SERVICES

| TASK ID | TASK DESCRIPTION | COST |
|---|---|---|
| | Phase 1 - Installation and Configuration | **$75,006.34** |
| | Core Team Training | $7,967.00 |
| | Core Config | $67,039.34 |
| | Phase 2 - Training, Testing and Production Support | **$80,199.00** |
| | User Training | $19,204.00 |
| | Core - Deploy | $8,389.00 |
| | Testing | $52,606.00 |
| | | |
| | TOTAL SERVICES COSTS: | $155,205.34 |

OPTIONAL TASKS

| | | COST |
|---|---|---|
| | | |
| | TOTAL OPTIONAL COSTS: | $0.00 |

**Quote is valid for:** **60 days**

All rates and costs are quoted in US Dollars and will be billed in US Dollars.
Quote is inclusive of all travel and living expenses for on-site work.
All prices are based on Telvent USA LLC's standards for services, and do not include taxes, duties, levies or fees.
This quotation is made in confidence for your review. It may not be disclosed to third parties, except as required by law.
This offer is limited to the terms and conditions of Telvent USA LLC's Standard Services Agreement.
Estimate does not include the cost of any third party software required to perform the
THE PRICING CONTAINED IN THIS QUOTATION IS BASED UPON TUG'S STANDARD TERMS AND CONDITIONS AND TUG'S EXPERIENCE WITH SIMILAR PROJECTS. THE SCHEDULE AND PRICE ARE SUBJECT TO CHANGE BASED UPON THE TERMS AND CONDITIONS IN THE FINAL AGREEMENT.

Quote Provided by: Larry Frank

## Software Quote

# ArcFM Solution Software Quote

| | |
|---|---|
| **Date:** | 26-Jul-13 |
| **Quote Number:** | 2013-6613 |
| **To:** | City of Columbus |
| **Receiving Party:** | City of Columbus |

Schneider Electric is pleased to submit the following Software Quote:

**Software**

| QTY | DESCRIPTION | UNIT PRICE | PRICE |
|---|---|---|---|
| 1 | **Responder** (Site License) | $ 25,000.00 | $ 25,000.00 |
| | | **SOFTWARE TOTAL:** | $ 25,000.00 |

**Maintenance**

| QTY | DESCRIPTION | UNIT PRICE | PRICE |
|---|---|---|---|
| 1 | **Responder** (Site License) | $ 6,250.00 | $ 6,250.00 |
| | | **MAINTENANCE TOTAL:** | $ 6,250.00 |

**Quote valid for 60 days**

Prices do not include required ESRI software.

Maintenance is due one year after the issue of the software download password or of the license file(s), whichever is first

Software provided upon receipt of signed Telvent License Agreement

Maintenance is subject to an annual increase of 8%.

All prices are quoted in United States dollar

For Responder, one ESRI ArcEditor or ArcView seat is required for each Dispatcher

For Responder, one ESRI ArcEditor or ArcView seat is required for the Application Server

For Responder, one ESRI ArcGIS Server Basic is required for the Operational Server if run separate from GIS Server

Quote Provided by: Mike Coles