

Req. # 46651
 Entered by: SEG
 Date: 1/24/14

PURCHASE ORDER REQUISITION
 FORT COLLINS UTILITIES

Vendor Excerpt Corporation

Address Suite 575
3773 Cherry Creek North
Drive
Denver, CO 80209

QTY.	DESCRIPTION	UNIT	TOTAL	CHARGE NUMBER
1	Technical Consultation and Program Management Services per RFP #7414 and associated Work Order #11	1	\$ 95,760.00	501-9100128.521210.3700

Comments _____

Dennis L. Seaman 01/22/2014
 Requested By Date

 1/22/14
 Authorized By Date

**Technical Consultation and Program Management
for Support and Integration of Smart Grid Solution and Related Services**

WORK ORDER #11:

This Work Order is as provided in Professional Services Agreement dated May 1, 2013 by and between the City of Fort Collins, a Municipal Corporation hereinafter referred to as the "City" and Excergy Corporation, hereinafter referred to as "Excergy", this Work Order for Professional Services is agreed to by these parties.

Description of Work

Continue the thorough and robust test program that AMFC has established into new elements as follows.

Preparation for WP & DR Testing

For the Demand Response (DR) and Web Portal (WP) Testing, Excergy will start the process to verify that the customer element of the Fort Collins Smart Grid project is tested thoroughly and meets requirements. Test plans and procedures will be produced that exercise the functionality of systems that must meet DR and WP requirements and needs.

Web Portal & Demand Response Testing

For the Demand Response (DR) and Web Portal (WP) Testing, Excergy will lead the process to verify that the customer element of the Fort Collins Smart Grid project is tested thoroughly and meets requirements. Test plans and procedures will be produced that exercise the functionality of systems that must meet DR and WP requirements and needs.

EA_MS 8.0 Upgrade Support

Excergy will support the EAMS upgrade from version 7.5 to 8.0, and support testing of 9.0 in the test environment. The focus of this upgrade – this first major upgrade of AMI - will be important and will involve major components of the AMFC project. This upgrade will be implement additional functionalities for the AMI system in addition to resolving multiple defects identified during prior phases of the project.

As established in other Phases, Test Readiness Reviews (TRRs) will be held before the start of the testing efforts to ensure that the system and personnel are prepared for the test. All the discovered defects are formally logged in ESS for Elster, managed, and resolved as appropriate until acceptance is achieved. A Post Test Review is conducted after the test is completed. A completed testing of the new version of EAMS indicates that the application is ready to be moved into production.

EIP Upgrade Support

Excergy will support the EIP upgrade to a version to be specified later. This upgrade will implement additional functionalities for the MDMS system which has been on hold pending acceptance testing of other elements of AMFC.

As established in other Phases, Test Readiness Reviews (TRRs) will be held before the start of the testing efforts to ensure that the system and personnel are prepared for the test. All the discovered defects are formally logged in a ticket for Siemens, managed, and resolved as appropriate until acceptance is achieved. A Post Test Review is conducted after the test is completed. A completed testing of the new version of EIP indicates that the application is ready to be moved into production.

Disaster Recovery Testing & Verification

Ensuring disaster recovery across the new and legacy systems operates smoothly in both technical and business process. Readiness for disaster recovery testing will be planned but not actually conducted because systems won't be ready until 2014.

Staff

Services will be provided by System Engineer Djifa Amefia. Other staff will be assigned to support the project as necessary for successful project completion.

Schedule

This work shall be accomplished between January 1 and August 1, 2014.

Cost Estimate

To accomplish the tasks outlined above, we estimate about 420 hours at a budget of \$83,160 on a time and materials basis and 7 trips at \$12,600 in travel expenses billed at cost, for a total of \$95,760.

Deliverables and Milestones

- 1. Preparation for WP & DR Testing**
 - Support Ft. Collins Utilities in Web Portal testing readiness efforts
 - Estimate: **20 Hours**
- 2. Web Portal and Demand Response Testing**
 - Support the WP and DR Testing phases
 - Estimate: **100 Hours**
- 3. EAMS 8.0 Upgrade**
 - Create EAMS upgrade approach for Ft. Collins
 - Create Test Plans for Fort Collins Utilities EAMS upgrade efforts.
 - Reviewed test plans, procedures, results documentation and Recommendations
 - Support Ft. Collins Utilities in migrating from EAMS 7.5 to EAMS 8.0
 - Estimate: **100 Hours**
- 4. EIP Upgrade**
 - Create EIP upgrade approach for Ft. Collins


- Create Test Plans for Fort Collins Utilities EIP upgrade efforts.
- Reviewed test plans, procedures, results documentation and Recommendations
- Support Ft. Collins Utilities In the migrating process to Production
- Estimate: **160 Hours**

5. Disaster Recovery


- Initial plan for Ft. Collins Disaster Recovery testing readiness efforts
- Estimate: **40 Hours**


This Work Order is agreed to by:

Excergy Corporation

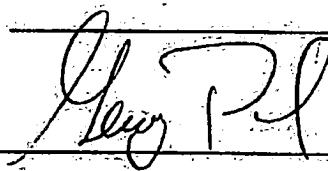
By: 
Jim Ketchledge, President
DATE: 1/22/2014

THE CITY OF FORT COLLINS, COLORADO

By: 
Dennis Sumner, Project Manager
Date: 01/22/2014

By: 
Steve Catanach, L&P Operations Manager
Date: 01/22/2014

By: _____
Brian Janonis, Utilities Executive Director
(greater than \$1,000,000)
Date: _____

By: 
Gerry Paul
Director of Purchasing & Risk Management
(greater than \$80,000)
Date: 01/22/2014