



REQUEST FOR PROPOSAL AAA0033
PURCHASING OFFICE
CITY OF AUSTIN

ADMS –SCADA SOFTWARE PURCHASE, IMPLEMENTATION, MAINTENANCE AND SUPPORT

RFP AAA0033

ADDENDUM No. 3

DATE: January 18, 2012

The following items are hereby incorporated into the solicitation package:

1. Additional Proposal Questions and Answers

- a) **It is not clear from the specification whether Austin Energy envisions a fully redundant ECS (i.e. redundant servers) at EACH location or whether the intent is to split redundant server pairs across the SCC location and BUCC location. Please clarify.**

Section 0500, 2.1 R[1] references "redundant Energy Control Systems (ECS Prod 1 and ECS Prod 2)...".

2.1.1 R[1.A.ii] requires "99.98%" availability...

2.1.1 R[1.A.iv] requires that the ECS be fault tolerant and redundant using clustering or SAN architecture (or other advanced fault-tolerance techniques)...

Section 2.3.1.5 describes the processor redundancy and failure management.

These references are intended to define the availability of the system (99.98%) from a "performance" standpoint, without dictating a specific architecture. It is AE's intention to allow for undefined "advanced fault tolerant techniques" in mathematically achieving the availability specified. The two ECS systems will communicate with each other over AE's autonomous optical network using traditional "active circuitry" electronics. The vendor should take into account the geographic displacement, communication details, and all other AE specified details in mathematically determining the architecture required. For example, in order to achieve similar requirements, the AE SCADA/EMS system consists of redundant servers at each location. Each vendor should explain how their proposed architecture meets the required availability. Please note that when redundant equipment is specified at each location (such as LDAP servers – section 2.1.6.2.1 R[2]) the specific requirement shall supersede the simple "availability" specifications.

- b) **With regards to section 2.2 of the specification, please confirm that Austin Energy prefers an all-Windows solution (including Server OSes)**

Section 0500, 2.2 R[2] references this preference.

AE's stated "Windows" preference is based solely upon the automation of security patch application through WSUS (Windows Server Update Services). For non-Windows hosts, we must manage patch deployment in a more manual way. Please note that this is only a preference – if, for example, the vendor cannot meet the required availability (99.98%) using Windows OS, but can using UNIX or Linux, the availability requirement governs. AE does not intend to penalize non-Windows proposals during the evaluation of proposals. AE Control Engineering system administrators are accustomed to UNIX and Linux environments as well as Windows.

- c) **Does Austin Energy currently have an OSISoft PI Historian?**

AE operates a variety of OSISoft Pi Historians. The vendors should propose solutions that meet all specified storage requirements without relying upon AE's existing Pi historians. In any event, the successful bidder's system must be able to interact with a Pi historian as defined throughout the specification.

- d) **With regards to Austin Energy's Communications infrastructure, please describe how Austin Energy envisions that the new ADMS-SCADA will interface with field devices. For instance, will all field devices (RTUs, intelligent transformers, etc.) appear to the ADMS-SCADA as IP-connected devices on AE's communications WAN, or will serial communications (modems, etc.) still make up a portion of the communications infrastructure and interface serially to the ADMS-SCADA as such?**

Section 2.1.6.3 R[1] specifies a variety of communication mediums that the proposed system must accommodate including: digital circuits, analog voice grade circuits, IP networks, MPLS, leased telco facilities, frame relay, JMUX, point-to-point and multi-point channels, etc. AE expects to communicate with field devices using DNP over IP – however, the proposed system must include the minimum hardware and software to communicate over any of the mediums specified in section 2.1.6.3. AE expects that the initially delivered system may not be equipped to accommodate the total number of devices specified over mediums other than IP,

but it shall be designed to accommodate these paths and scale to the specified quantities at a future date if required. In other words, AE expects to communicate with telemetered devices over IP – but the proposed system must be designed (if not initially equipped) to accommodate large numbers of devices communicating over mediums other than IP. In general, devices that reside inside the substation fence (feeder breakers, load tap changers, transformer breakers, etc...) will be routed through the "SCADA/EMS" Network and devices that reside outside the substation fence (cap banks, air switches, line monitors, reclosers, automatic throw over switches, etc) will be routed through the "DA" RTU Network which is currently IP based.

e) Notice of Intent to Bid – we didn't see that there was anything in the RFP to do so, correct?

During the pre-proposal meeting held January 5, 2012 a reference was made to COA form 1000 (Notice of No Intent to Bid). COA does not require a Notice or Intent to Bid to submit a RFP response. However if Vendors are not going to respond to the RFP then COA requests that the non-proposing Vendors only submit the COA form 1000 as an statement of their intent not to bid on the RFP.

f) Schedule – it wasn't clear to us what this may be (AE interprets this question to be "when" rather than "what".)

Target award date is June - July 2012

g) Finalist Awarded Date?

Public notification of recommended ADMS-SCADA vendor is estimated to be June 2012; however, the actual date is dependant on a variety of factors including but not limited to the RFP timeline, proposal evaluation timeline, and duration of contract negotiations.

h) Contract Execute Date?

Contract execution date is estimated to be June 2012; however, the actual date is dependant on a variety of factors including but not limited to the RFP timeline, proposal evaluation timeline, duration of contract negotiations, and council approval. **Target award date is June - July 2012**

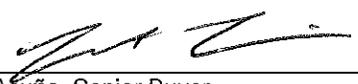
i) Project Start Date?

Is dependant on a variety of factors including but not limited to the contract execution date and contract terms. Target project start date is July 2012

j) Project Go-Live Date?

Project go-live date is estimated to be September 2013 in 0400 of the RFP; however, the actual go-live date is dependent on a variety of factors including but not limited to project start date, contract terms, and acceptance of project milestones by AE.

Approved by: _____


Art Acuña, Senior Buyer

Receipt Acknowledged By:

Offeror's Name

Authorized Signature

Date

Return two (2) copies to the Purchasing Office, City of Austin, Texas prior to submittal or with your sealed bid. FAILURE TO DO SO MAY CONSTITUTE GROUNDS FOR REJECTION OF YOUR OFFER.