CMMI-ACQ Scenario

Purpose: Describe how CMMI for Acquisition could be applied within a specific organizational context

Instructions:

Send your completed written exercise to the CMMI Institute (certification-info@cmmiinstitute.com) for evaluation. Those whose exercise evaluation is not satisfactory will receive directions with their next steps.

Your submission must include the following information:

Organization Context

In one half to one page of text, describe an organization context, including information regarding the
1. Organization name
2. Organization structure and size
3. Type of work performed
4. Customers
5. Location of work
6. Culture

If the organization described actually exists, please use a fictitious name or document your permission to use the actual name.

Business Value of CMMI Goals

In one half to one page of text, describe the business value for this organization of satisfying the specific goals of each of the CMMI for Acquisition process areas. (Acquisition Engineering process areas as well as Agreement Management and Solicitation and Supplier Agreement Development.)
1. Specify the value of each specific goal in terms of one or more of functionality or scope, time, cost, and quality (which includes all of the –ilities, such as reliability, usability, maintainability, etc.)
2. Use plain language and do not quote the CMMI model.

Implementation of CMMI Practices

In one to three pages, describe how the organization implements CMMI for Acquisition practices.
1. Include at least one practice from each specific goal for all acquisition process areas and at least five specific practices from any of the core process areas.

2. Use "plain English", not CMMI terminology, to describe how the practices are implemented.
3. Include information about
   a. the activities performed,
   b. the key artifacts created, and
   c. the stakeholders involved in performing the activities, providing inputs, and using outputs.
4. Describe how the processes that implement the practices are institutionalized.
5. Tag or footnote your description with the PAs, Goals, and practices related to each activity and key artifact. It is not necessary to describe different activities, artifacts, and stakeholders for each practice.

For example:

Dynxpr Group needs an outside vendor to provide a geolocation component for the Dynxpr You Are There product. The Dynaxpr Request For Proposal describes not only the component needed and the acceptance criteria but also captures constraints and needs related to such things as how supplier work will be monitored, responsiveness, availability, and security. Before sending it out to potential vendors, the business team asked the chief product architect and the lead system tester to review the RFP to make sure all of the technical concern had been addressed. Based on their input, changes were made to the document before it was baselined. *[SSAD SP1.2 and SP1.3, SSAD GP2.7 and GP2.6, CM SP1.3]*

Tips
1. *More is not better.* Do not write more than a total of five pages.
2. *The description must not be just a repeat of model content.* Please keep in mind that we are not looking for you to repeat the model verbatim, but instead want you to describe context-specific implementation based on your understanding of the model.
3. *You are not describing a SCAMPI A appraisal.* You do not need to describe absolutely everything necessary to "fully implement" a practice. As long as it is a relevant part of implementing a practice, it's ok to tag an activity or artifact with that practice, even if it does not completely implement the practice.