ADDENDUM NO. 2

BID-CONTRACT DOCUMENTS

FOR

BID No. 2015

District Wide Active Directory and Exchange Server Upgrade and Consolidation

COAST COMMUNITY COLLEGE DISTRICT
COSTA MESA, CALIFORNIA
COUNTY OF ORANGE

COAST COMMUNITY COLLEGE DISTRICT
1370 Adams Avenue
Costa Mesa, CA 92626

The following changes, additions, deletions, clarifications, or corrections shall become part of the Bid-Contract Documents for Coast Community College District Bid No. 2015, District Wide Active Directory and Exchange Server Upgrade and consolidation. All other terms, specifications, and conditions remain the same.

Modifications are identified by "clouds" and the following: Deletions ~~strikethrough~~
    Insertions/Substitutions _italic-underlined_.

Item 1: **Add** the attached VENDORS QUESTIONS & ANSWERS (February 16, 2013)

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END OF ADDENDUM

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Prepared By:
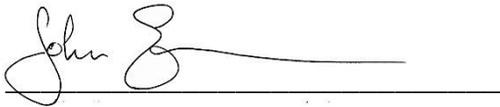
(signature)

John Eriksen
Director of Purchasing

Coast Community College District
District Wide Active Directory and Exchange Server Upgrade and Consolidation
Bid # 2015 Questions & Answers

1. Of the 70,000 annually refreshed student users, how many student accounts will need to be migrated?
Response: This can be scheduled before the start of the semester so the accounts can be created as new student accounts via Banner (ERP).

2. Since Exchange is only for non-student access, then to be clear, the only requirement from a directory/access perspective for the student population is authentication?
Response: Yes. The only requirement for students is authentication.

3. Which hypervisor is in use at the colleges (product, version and release as they apply)?
Response: VMware ESXi ranging from Version 4.0 to 5.1.

4. Do all locations have a virtual infrastructure that can be leveraged?
Response: All sites have implemented, however, in terms of resources available to this project will vary by site.

5. Is there a more detailed network topology available to design around, considering such things as Firewall, Load Balancers and proxies of any kind?
Response: This is not relevant to the project in terms of reconfiguring as they are not connected to Active Directory or Exchange.

6. Does the District wish to consolidate the email namespace into one source for retrieving email, or would they like to use several namespaces for each college?
Response: Yes. We would like to maintain the existing abilities to accept the separate name spaces; however, the user will have a consolidated default email address. This is to make sure we don't loss important email and business continuity during this migration. Both separate and consolidated will be the same inbox. The separate is more like a SMTP record / alias of their current settings.

7. What (where) is the local DHCP solution at present, specifically, will these new Domain Controllers off that service or will they source from another Server or Appliance?
Response: No Domain Controllers do DHCP and as such the DHCP's will be introduced at a per campus, per broadcast domain implementation. Most likely from Core Switches/Routers at edge and centralized locations at each campus.

8. Are there any services for Unix on the Domain Controllers?
Response: Yes.

9. Will the respective users of each campus retain their existing UPN or will there be a need to consolidate them into a new UPN?
Response: We currently need to consolidate UPN (login names) to avoid conflicts.   However, we do not necessarily agree that the current logins have to be used and are open to fully replacing UPN's based on different information. It is preferred we use the UPN's present in our Banner/Oracle environment.

10. Considering the business model, are any of the campuses heavy users of Roaming Profiles or VDI?
   Response: Yes. We would like to maintain the existing abilities to accept the separate name spaces; however, the user will have a consolidated default email address. This is to make sure we don't loss important email and business continuity during this migration. Both separate and consolidated will be the same inbox. The separate is more like a SMTP record / alias of their current settings.

11. What (where) is the local DHCP solution at present, specifically, will these new Domain Controllers off that service or will they source from another Server or Appliance?
   Response: Coastline is migrating that way for VDI and we try not to have Roaming Profiles. We like to use networked "user" shares that are linked to their session on login.

12. What are the WAN link types, sizes, throughput, connections (mesh was mentioned)?
   Response: Most sites are gigabit, a few satellite sites of Coastline are 10MB. No sites use QoS at this time as phones are 100% on a separate WAN connection of oc-3 microwave SONET. The mesh is a VLSP – think of it as similar to MPLS as it appears as a layer 2 handoff to Coastline and Golden West.

13. What storage type (DAS, NAS, SAN, etc.) is in use at each campus and are there expectaions of use/re-use of the equipment for this deployment?
   Response: All storage types exist. Use/re-use/replace are all options available.

14. If the storage is shared are there other applications or systems using the storage (App servers, virtual servers, etc.)?
   Response: VMware is in use at all sites on different SANS (and will stay separate in most cases) for existing apps. Coastline has 1+ DAS. SAN (Fibre/iSCSI minimal) is most common.

15. How many total mailbox accounts are there and what is the breakout (staff, generic, service accounts, etc)?
   Response: This varies by campus.

16. What is the average mailbox size and largest size?
   Response: This varies by campus.

17. Are mailbox limits in place, at which sites, what are the settings?
   Response: Varies by site.

18. Are public folders being used, at which locations?
   Response: Yes. I believe at all sites.

19. What version of Outlook clients are being used?
   Response: It varies, but versions range from 2007 to 2012.

20. Will Coast Colleges provide all the software licensing required and do you have a firm idea of the number of each license required or are these items the vendors will need to supply in our response?
   Response: We have means of buying some licenses from Microsoft agreements through the California Community College Chancellor's Office. As such, we would like the means to cross reference if we can receive better pricing through our channel as well as utilize vendor specific abilities to secure competitive pricing.

21. When can answers be expected from the Coast Community College District as there may be little time left to answer the RFP adequately?
Response: As soon as it can travel the appropriate datapath so we can answer with as much accuracy as possible.

22. Did you mean Exchange 2013 which will ship soon?
Response: As was stated in Addendum #1, at this time because of Pre-SP1 issues with 2013, we have altered our hard requirements to include Exchange 2010 in lieu of 2013. Also, we do not want to be trapped waiting on SP2 if SP1 doesn't resolve all the issues adequately.

23. What is your current Archiving solution?
Response: Currently only two sites run an archiving solution.

24. You currently use VMWare as your virtualization platform. What version of VMware are you using currently?
Response: We are running 4.0-5.1 across our infrastructure. The version varies by site and if it is student labs or production/test servers.

25. Your current production servers, to which percent are they virtualized? Do you have any requirements to virtualize all pieces of the solution?
Response: There is no such requirement. Some servers are recommended not virtualized, or are BIGGER than our virtualization environment. Most sites are 50-75% virtualized. % based on physical versus guests. Not physical versus hosts.

26. What is your current VMware capacity for adding additional VM's?
Response: It depends on the site, but mostly RAM is our primary constraint, followed by SAN space, followed by CPU, and lastly network. Some Hypervisors are running on as little as 16GM RAM, and hardware can date back to Dell 2950's.

27. What do you currently have in place in your organization that meets these issues?
Response: All sites are not directed by one path. All have or have not the systems mentioned. 2 Sites run 1 vendor of firewalls and the other two both run something else. Since routing, firewalls, and IPS/IDP are site specific and in the data path I consider them separate in logic then AD/Exchange. We do NEED the ability for sites to maintain their own AV solutions in the centralized administration. Spam filters, however, may need to be resized for the centralized exchange unless some MX records allow current hardware implementation. It is up to the VAR to decide if there is value in replacing this and the previously mentioned components. Also, what they recommend to run on the new exchange and ADs in terms of those services.

28. Could you define this statement better? Are you talking about a common image?
Response: We are simply looking for a common best practice (more GPO). No actual OS installations.

29. Is there going to be a standard for Mailbox sizes, and what are the retention period requirements for archiving?
Response: Archiving internally has been indefinite. Users can reference any previous message that has arrived in their mailbox. Archiving as it is implemented at the two sites that have it is more of a means of moving older emails onto a tiered storage platform and to help client efficiencies.

30. What percentage of mailboxes will require journaling support?
    Response: 100%.

31. What is your current backup solution, and data retention period?
    Response: Deduplication to tape. Retention is dependent on the type of information recorded. The period could be 3 months to 7 years, to (in rare cases) indefinite which is approximately 20 years.

32. Do you have a current PKI infrastructure in place?
    Response: Some sites including Orange Coast College and District site do implement internal PKI. At this time there is no enterprise wide PKI.

Q&As 2/16/12