



ADMINISTRATIVE OFFICE OF THE COURTS

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Questions/Responses No. 1 to the
Request for Proposal (RFP) K15-0051-29
Datacenter Reconfiguration Design and Build

Ladies and Gentlemen:

The following questions for the above referenced RFP were received by e-mail and are answered and posted for all prospective Offerors who received the RFP. The statements and interpretations contained in the following responses to questions are not binding to the Maryland Judiciary unless the RFP is expressly amended. Nothing in the Maryland Judiciary's response to these questions is to be construed as agreement to or acceptance by the Maryland Judiciary of any statement or interpretation on the part of the Offeror asking the question. .

1. Question: Can you provide a detailed scope and program for the project including number of offices required. **5 Offices / Hotel Concept (used by 3 shifts) – 3 supervisor areas.**
2. Can you provide the sign in sheet for the Pre Proposal meeting. **Posted**
3. Can you provide the name of the entity which provides technical services for the existing Data center. **In house with hardware software vendor support as required**
4. What is the KW of the existing UPS System? Is there any redundancy currently? **Liebert NX 200KVA Load 46%.**
5. Do they have CAD files of the existing MEP infrastructure? **No**
6. Is the same redundancy Tier Level trying to be maintained? **yes**
7. Page 13 section 2.2 bullets: Remove end of life CRACs. Will JIS require a study of alternate cooling systems? **No**
8. Page 13 section 2.2 bullets: if the CRAC are referred to as "end of life", what is the UPS condition? Is changing the UPS not in this contract? **New / Does not need to be replaced**
9. Page 13 section 2.2 bullets: The scope seems to require creating a dark data center. Who is doing the relocation / migration of the live servers and IT hardware to the new layout in the "dark" data center? This will impact the downtime of the data center operation. **JIS will move the IT equipment**
10. Page 13 section 2.2 bullets: Does this scope of work also include provisions to cool the new office space that will be outside the "dark" data center? If yes, do they tie to the office HVAC system? **Yes**

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11. Page 13 section 2.2 bullets: the bullet mentions including storage for paper. Is there any critical humidity or temp that needs to be maintained for special type of paper or this is typical office type? **Typical of paper storage**
12. Page 14, Section 2.3: As we read this SOW, most of this paragraph refers to providing a plan to assess and re-design the physical infrastructure of the IT hardware of the data center and even excludes HVAC upgrades. Can JIS clarify this scope again please as this is the heart of the project. Are they only requesting that this phase of the project is strictly IT infrastructure? Does it include an IT growth plan? Migration services? Rack layout? Cable layout? What does the paragraph *“At this point, the design will not include the design of HVAC upgrade requirement”* infer to? **All are included**
13. Sections 2.4, 2.5, 2.6 jump into the construction phases immediately without referring back to the HVAC/PDU changes they requested earlier in section 2.2. Are we missing an interim scope of work? **These are included CRAC units**
14. Is Commissioning included? **Yes**
15. It is mentioned that construction needs to be sequenced, does it matter at which end of the space the phasing will occur? TBD as this phase begins. **JIS will be as flexible as possible**
16. Is the successful design firm expected to attend construction meetings on a weekly basis? **May not be weekly but availability is required as needed.**
17. What is the schedule of completion date? **Derived by the final schedule**
18. Will this design engineer be required to provide physical security design for the new spaces? **Yes**
19. Will the design engineer be required to design separate upgrades to the existing BMS systems or is this new design a separate BMS?. ?
20. Should we assume that this design ties into the existing fire alarm systems and no upgrade is required? **Upgrade required**
21. Is the access flooring to be reused, or an alternate to replace? **Structure Good / Tiles to be replaced.**
22. Is there a roof warranty (replacing condenser units) **Landlord managed.**
23. Who will move the equipment? **JIS**
24. Are the CRAC units in the existing LAN to be replaced, or need to be evaluated for replacement? **Evaluation needed.**
25. Are the doors (entrances into the rooms to be replaced)? **If needed**
26. Are the clean agent fire protection tanks to be reused? **Recommendation of Vendor**
27. Will the ceiling be replaced? **Yes**
28. Is the Dark data center to have full height partitions? **Yes**
29. Is an IT consultant required, or are we working with in-house IT to configure the rooms? **Both**
30. Is all construction confined to just these two rooms? **Minor modification to ground level to be expected – door jam height – etc.**
31. The instructions indicate to provide “unbound” copies of the technical and price proposal. Does this include three ring binders? Do you want the

- proposals clipped together? Please clarify. **Prefer clips if you need to hold it together**
32. The RFP refers to Attachment E – Price Proposal Form (provided under separate cover). This has not been provided. Please provide this form. **To be provided via Addendum #1**
 33. Is there any work anticipated outside of the walls of the existing data center and LAN room? **Possible minor alternations to door heights and possible reconfiguration of “offices” in hall way.**
 34. Will all the current and future equipment be on UPS including the printers? **Yes**
 35. How many PDU's currently serve the two spaces, and is there adequate capacity and breaker space to accommodate this project? **Two with 3 subpanels in main room / 1 sub in lan room – no**
 36. Are the current PDU's in good working order or do they need to be replaced? **Replaced**
 37. Should we assume all the raised floor tiles and ceiling tiles are to be replaced? **Yes / floor structure good tiles need to be replaced.**
 38. Is the current fire suppression up to code and can we assume we may only be relocating selective sprinkler heads as part of this renovation? **Yes / however redesign may facilitate fire suppression system rework.**
 39. Is the current fire alarm up to code and can we assume there will be no modifications as part of this renovation? **Modification will be required**
 40. There are currently 5 15 ton CRAC units. Can we assume that we will replace in kind? **At least 3 will need to be replaced.**
 41. There does not appear to be a ramp into the current data center. Can we assume a ramp will be required to meet ADA? **There is a ramp**
 42. ADA will require both means of egress from the two rooms to have ADA compliant ramps. Can we assume ramps will be added? **Ramps are in place**
 43. The national electric code requires all unused power and data cables need to be removed. We will assume in our proposal to demo all unused cabling. **Yes**
 44. Will be required to relocated any services provider cabling to the data center location. **No**
 45. Are the existing LAN room and data center spaces currently provided with outside air? If so, is the outside air in spaces adequate for the new codes? **Yes outside air / code requirements unknown**
 46. Do you have any humidification requirements? **Standard data center requirements**
 47. Is the electrical service, emergency generator, and UPS systems adequately sized? **Yes**
 48. Are we to provide replacements for the PDUs in the rooms? **Yes**
 49. Are we to provide replacements for the branch circuit panelboards in the rooms? **No – they need to be removed with upgrade**
 50. Please confirm per the pre-proposal meeting that the existing access floor strength is insufficient and should be replaced. Confirm that the new access floor should support equipment that is up to 2,600lbs. **Floor structure is good / floor tiles need to be replaced.**
 51. In the pre-proposal meeting it was stated that an existing electrical study from 2011 was available, please provide. **Will provide**
 52. In the pre-proposal meeting it was described that these two spaces would be completely redone in terms of finishes. Please confirm these spaces will require new flooring, new painting, new ceiling systems/tiles, new lighting, and new partition walls. **All except for floor structure**

53. These spaces utilize access flooring, please confirm if new partitions in these rooms are allowed to be constructed with metal studs/drywall or if demountable partitions only will be required. **Demountable partitions**
54. Please confirm that all mechanical systems serving these two spaces are to be redesigned and replaced. **All except UPS / ATS / MTS**
55. Please confirm that the IT layout and configuration will be a complete redesign. **Yes**
56. Are there any existing drawings available for the building, for instance structural drawings to coordinate the access flooring loads? **No**
57. Please confirm that weekend outages will be accommodated during construction. **Yes**
58. Are there any current data equipment layouts available? **No**
59. What is the current power capacity and utilization? **600 AMPS / 50%**
60. Please specify the allowable outage times to complete the equipment relocation? **4 to 6 hours per outage / possible longer on weekends and court holidays**
61. Is the offeror responsible for performing the IT relocation? **NO**
62. To get more accurate pricing, are we allowed another site visit? **No. Best and Final Offers may be requested if necessary**
63. Provide as-built of existing mechanical, electrical and IT. **Only as built for recent UPS / ATS upgrade – they are not in the format to distribute.**
64. Confirm who is responsible for moving existing equipment from the LAN room to the Main Data Center. **The Judiciary**
65. Confirm estimated project completion date. **Date will be determine upon award and final design – No date set – this project is not date driven**
66. Provide listing of all new IT equipment if any to be installed by the contractor. **None**
67. Can the bid due date be extended? **No**
68. The new offices/cubicles for supervisors and staff are to be located outside of the dark data center. My understanding is that these spaces will still be within the footprint of the current main data center; is that the case? Or are these to be located elsewhere? **Only requirement is that they are on the ground floor.**
69. Is the equipment list distributed at the pre-proposal conference inclusive of all powered equipment? **No**
70. The 3 large scale laser printers and 4 IBM impact printers will be moved to the LAN room, as well as the Optica converter. Is all other equipment in the list be located in the dark data center? If not, which equipment will be in the LAN room? **Yes**
71. There appear to be CCTV cameras in the rooms. Are modifications to the CCTV system part of this scope? **No**
72. Will the new overhead cable trays be installed in both the LAN room and dark data center? **Not the LAN Room**
73. Confirm per pre-bid meeting that design and replacement of existing HVAC upgrades is part of this contract. **Yes**
74. Is this a wage scale project? **If you are referring to the Living Wage requirement of the Executive Branch – this does not exist in the Judiciary Policy**

Issued by: Gisela Blades, Procurement Officer May 22, 2015