ADDENDUM #3

September 17, 2020

TO: Potential Offerors

FROM: Cora Shirai, Contract Manager

RE: Solicitation Addendum #3 to RFP #20-04/Data Center Relocation

This correspondence serves as Addendum #3 to the subject Request for Proposals (“RFP”). Your response to this RFP should be governed by the content of the original RFP and the revisions/corrections/additions/clarifications provided in this addendum notice.

The following questions were asked:

1. Q: UPS and Standby generators are mentioned in the testing portion.  Are new UPS and Gensets required or are they existing?

A: existing

If #1) is new, what size is required?  The cooling is called out at 8 tons, which is about 28 kW should this be used as a design guide?

1. Q: Cooling equipment.  The air handler is called out as a perimeter model, if space and performance advantages can be proven, are inRow air handlers acceptable?

A: Yes.

1. Q: Are the chillers mentioned to be included in the bid, or do they exist?

A: They exist.

1. Q: What power is available at the site ( 3 phase or single, 480V, 208V ? how many amps service) ?

A: all. A new panel will be installed with required amps.

1. Q: Are new racks and rack mount PDUs required?

A: no

1. Q: Are building architectural floor plans and existing MEP’s available for use in development of the engineered drawings?

A: yes

1. Q: What is the existing building voltage?

A: 110 to 480

1. Q: Will seismic anchoring for new equipment be required?

A: no

1. Q: 1.7.1     Location of Nagios monitoring system?

A: Leahi Hospital, Corporate Computer Center,  3675 Kilauea Ave, Honolulu, HI 96816

1. Q: 1.7.1     Please provide contact information for the vendor that maintains the Nagios system.

A: Nagios is supported by HHSC Corporate Office, Technical Services Dept.  Nagios will support any Windows/Linux based scripting or SNMP trapping for operating status and/or errors.

1. Q: 2.1.2     Location of building ground?  Is there a connection within the datacenter?

A: yes

1. Q: 3.1.1     Is the panel for the datacenter existing or new.  If existing what is the amperage and quantity of spaces available in the panel?  Is this the panel shown in Addendum 1 Figure 1?

A: new

1. Q: 3.1.2     Do the redundant power feeds originate in the same electrical panel or different electrical panels?

A: Same

1. Q: 3.2.1     Please provide information regarding lay down area for materials.

A: Maintenance shop

1. Q: 3.2.2     Does the 12 whip count include redundant feeds?

A: yes

1. Q: 3.3.1     Distance from building ground to datacenter?

A: No more than 20 feet

1. Q: 3.4.1     Please provide locations of any existing PDU’s.

A: next to location 10 feet

1. Q: 3.4.1     Please provide location for nearest commercial power panel and distance to datacenter.

A: Same location

1. Q: 3.6.1.1  KVA of existing UPS and location with respect to datacenter or will a new UPS be required?  Voltage of UPS?  KW of generator, voltage of generator?  Location of generator with respect to datacenter?  Duration of load bank testing and at what percentage loads?

A: Owners to provide, 500 kw generator, 20 feet from area.

1. Q: 3.6.1.2  Please identify quantity of breakers for injection testing.  Does this include branch breakers to receptacles?

A: To be determined

1. Q: 3.7.1     Will these outlets be connected to generator power?  Location of generator supported 120/208 volt panel.

A: yes

1. Q: 3.9.1     Please define where emergency lights are desired and quantity.

A: All lights are connected to emergency power already.

1. Q: 4.1.1     Please define what “existing 8 ton of cooling coverage” means.  Is this existing load, existing load plus future load or a description of the existing HVAC system in place?

A: Install 2 36 BTU split units.

1. Q: 4.1.2     Section mentions air handler in the first system and then air handlers (plural) in second sentence.  I assume redundant air handlers are needed, do they need to have a common ducting system?  A: YES Location of new chillers with respect to datacenter? A: outside of back door  Distance from chillers to datacenter? A: 15 feet Are concrete pads in place for chillers now if going at ground level? A: Concrete pads are needed If chillers go on the roof please provide details of roof construction?
2. Q: 5.1.1     Location of fire alarm panel VESDA system will connect to? A: Maintenance shop 50 feet away  Contact information for vendor who maintains the fire alarm. A: Island signal and sound from Oahu. 808-845-1351
3. Q: 5.2.1     Is Novec 1230 also acceptable as a clean agent? A: Yes (Needs to meet fire code) Is the room already sealed to contain the agent? A: no
4. Q: 5.2.3     Alternate approved location for cylinders other than the datacenter?

A: Need to build room outside of back door from location.

1. Q: 5.4.1     Quantity of fire extinguishers desired?

A: That would depend on the amount of coverage that the extinguisher can cover.

1. Q: 6.1.2     Please define quantity of copper and fiber cabling required between cabinets in the network row as well as type of cable/connection type.  A: 48 cat6 (48 ports rj45 patch panel) on each server cabinet

Location of network room and distance from network row?  A: 100 feet Type of connectivity from network row to network room, quantity of cables, type of cables and connection type? A: 10 pairs of fiber, multi-mode OM4, LC-LC

1. Q: 6.1.3     distance from network row to network room?  A: 30 feet

Size of cable ladder desired?  A: 12 inches wide

Will cable ladder be installed above or below the ceiling? A: Below ceiling