

**REQUEST FOR PROPOSALS (RFP) NO: PRDE-OSIATD-FY2019-005**  
**HYPER CONVERGED DATA CENTER AND backup services**  
**OSIATD - PUERTO RICO DEPARTEMENT OF EDUCATION - RESPONSES TO VENDOR QUESTIONS**

Yellow - Follow up required.

January 22 , 2020

Red - Change to the RFP that has been documented in an Addendum posted on the PRDE website.

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VENDOR	DATE	QUESTIONS	PRDE RESPONSES
EVERTEC	01/17/20	Page 9 - Hyper Converged Data Center Solution General Characteristics –	
1 EVERTEC	01/17/20	a. in the 6th cell there is a request for a cage to host the Hyper converged environment in your Data Center. What are the dimensions required for this cage?	The requirement for the cage has been <u>eliminated</u> from the RFP (See Addendum No. 2)
EVERTEC	01/17/20	2. Page 9 - Hyper Converged Data Center Solution General Characteristics – it states that software updates, firmware, patches and fix es must be certified and delivered by proposer.	
2 EVERTEC	01/17/20	a. Are the services related to software updates, patching, firmware updates and fix es a recurrent service throughout the contract?	Yes software updates, firmware patches and fix es for equipment are required throughout the term of the contract.
3 EVERTEC	01/17/20	b. Platform management service throughout the contract required by PRDE for this RFP?	Yes.
4 EVERTEC	01/17/20	c. Which are the applications (softwares mentioned on the RFP) that require update?	All applications that pertain to the RFP hardware (switches, Hypervisor, servers, etc.).
EVERTEC	01/17/20	3. Page 10 - Specific Hyper Converged Nodes –	
5 EVERTEC	01/17/20	a. Can the sizing for port count and type which was used to specify the RFP requirements be available to the proposers to verify that it matches the expected performance required by the PRDE? If not, proposer might need to do a performance analysis to determine the sizing of the HCI platform to guarantee performance. This will take time that will affect proposal delivery.	This question has been referred to the technical team for response; a reply will be posted in a supplemental Q&A Log to be posted in the next 1-2 days.
EVERTEC	01/17/20	4. Page 10 - Specific Hyper-Converged Nodes –	
6 EVERTEC	01/17/20	a. on the last cell is specified that Cache Drives must be 400GB drives. What type of technology is required for those? SSD, NVME or other?	NVME
EVERTEC	01/17/20	5. Page 12 - Network Insight General Characteristics –	
7 EVERTEC	01/17/20	a. The current network hardware will continue to be used for the other hardware not impacted by this RFP, taking this into account.	
8 EVERTEC	01/17/20	i. What network equipment will be reused? Indicate model and serial number	Brocade Core Router #MLXE-16 (4 ports; 10 GB); Brocade Top of the Rack Switch #VDX6720-24-F (31 ports 1GB); Brocade Switch #SX800
9 EVERTEC	01/17/20	ii. How many free ports and what type are those ports?	See immediately preceding response
10 EVERTEC	01/17/20	iii. Please provide a logical and physical diagram of current network	A physical diagram of the current network will be posted on the PRDE website ( <a href="https://de.pr.gov">https://de.pr.gov</a> ) in the next 1-2 days

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11	EVERTEC	01/17/20	iv. The current network equipment that will remain in use comply with the RFP requirements.	See response to Question 8 above
12	EVERTEC	01/17/20	v. Will PRDE need that the proposer to include Network Management Services for the duration of the contract?	Yes.
	EVERTEC	01/17/20	6. Page 13, 14 and 15 - Data Backup and Recovery Application General Characteristics	
13	EVERTEC	01/17/20	a. Do the PRDE will retain its current backup environment?	Yes.
14	EVERTEC	01/17/20	b. What is the Backup software and the version that is currently in use by PRDE?	IBM Tivoli Backup Version 6.3.1
15	EVERTEC	01/17/20	c. What tape Hardware – brand, model, serial # – is currently used?	1 IBM System Storage TS3200 Tape Library 3573-L4U 2 IBM System Storage TS3310 Tape Library 3576-L5B 2 IBM System Storage TS3310 Tape Library Expansion 3576-E9U
16	EVERTEC	01/17/20	d. Is the backup software and Hardware currently under maintenance?	Yes.
17	EVERTEC	01/17/20	e. Is backup data migration needed?	Yes.
18	EVERTEC	01/17/20	f. How much retention time is required?	10 Years.
19	EVERTEC	01/17/20	g. Do the PRDE is open to receive an offer for a separate backup environment for the hyper converged solution?	Yes.
	EVERTEC	01/17/20	7. Page 16 Security section	
20	EVERTEC	01/17/20	a. Can PRDE clarify with which of the FIPS the proposer should comply?	FIPS 140-2 or newer.
	EVERTEC	01/17/20	8. Page 16 - Remote Backup Services – Proposer Facilities –	
21	EVERTEC	01/17/20	a. In the RFP states requirements for local and Remote Data Center. Do PRDE require both? A local data center as a repository for a local DR backup (aside from the DE data center) and a US continental Data Center for an additional copy of backup?	<b>PRDE requires Onsite data backup and recovery, as well as Remote data backup and recovery (a) to a Remote facility in the Continental United States, or (b) to a local Puerto Rico facility that replicates directly to a Remote backup facility in the Continental United States.</b> <i>(See Addendum No. 2)</i>
22	EVERTEC	01/17/20	b. For the remote sites. Does the PRDE require Internet connection.? How much bandwidth for the Internet connection in the 10GbE circuit?	PRDE does require Internet connection for remote sites. The second question is unclear and needs clarification for a response to be provided.
23	EVERTEC	01/17/20	c. PRDE requires DR Georedundancy?	Yes.
	EVERTEC	01/17/20	9. Page 17– Other Deliverables –	
24	EVERTEC	01/17/20	a. A list of equipment to be decommissioned is required from Department of Education for us to integrate the effort in the proposal.	<b>No equipment is to be removed, disposed or decommissioned (See Addendum No. 2)</b>
25	EVERTEC	01/17/20	b. How PRDE require the data to be disposed? Disk erasure? Disk destruction? Both?	N/A
	EVERTEC	01/17/20	10. Page 19. Contract term and Performance Bond,	
26	EVERTEC	01/17/20	a. The contract term is for one-year contract, with three one-year renewal or three-year contract? Since performance Bond states a 3year contract. Please clarify.	A performance bond will be required for each year of the contract, including renewal periods. The initial performance bond required will be for one year
	EVERTEC	01/17/20	11. Page 20, Contract Termination; Event of Default.	

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27	EVERTEC	01/17/20 a. Can PRDE provide the E-Rate program Rules?	The reference to the E-Rate program in the RFP was in error. The equipment and services in the RFP will be funded by the U.S. Department of Education Restart Fund. See Addendum No. 2
	EVERTEC	01/17/20 12. Page 24, Financially Solvent	
28	EVERTEC	01/17/20 a. What is a non-tax debt document?	A document identifying any debt owed to the Puerto Rico government or the federal government that is not a tax debt.
	EVERTEC	01/17/20 13. Page 35, Invoicing	
29	EVERTEC	01/17/20 a. What will be PRDE reimbursement timeframe for the invoiced amounts?	The invoicing and payment provisions will be negotiated by PRDE and the selected vendor(s).
30	EVERTEC	01/17/20 b. Can it begin at the sign of the contract with delivery of HW and Software (HCI related)?	The invoicing and payment provisions will be negotiated by PRDE and the selected vendor(s).
	EVERTEC	01/17/20 14. Page 37, Section B.	
31	EVERTEC	01/17/20 a. The Section B mention that Proposer is responsible for schools' sites. It is True? What kind of equipment is the propose	The selected vendor(s) will NOT be responsible for site security. The statement is corrected in Addendum No. 2.
	EVERTEC	01/17/20 15. Page 53	
	EVERTEC	01/17/20 Can the PRDE clarify or mention ex amples of:	
32	EVERTEC	01/17/20 • What is a MAJOR Outage (Hardware malfunction affecting critical functions PRDE Operations)?	Malfunction that affects <u>ALL</u> critical functions, including HR, Finance, Student Information, MIPE (Special Ed), etc.
33	EVERTEC	01/17/20 • What is a MAJOR Outage (Hardware malfunction affecting some functions PRDE Operations)?	Malfunction that affects <u>SOME</u> critical functions, including HR, Finance, Student Information, MIPE (Special Ed), etc.
34	EVERTEC	01/17/20 • What is a MINOR Problems (Loss of function on non-critical PRDE)?	Loss of function affect Non-Critical functions, including PRDE website, printing, etc.
35	EVERTEC	01/17/20 • Can PRDE define meaning of " affecting critical functions" , " affecting some functions" and " Loss of function on non-critical" ?	See immediately preceding responses.
	EVERTEC	01/17/20 16. Page 53, SLA General Requirements	
36	EVERTEC	01/17/20 a. What PRDE will be going to consider with SLA General Requirement: the Anticipated Repair Start Time or Mean Time to Repair?	The Anticipated Repair Start Time is set forth on P. 53 of the RFP; The Anticipated Mean Time to Repair is set forth on P.54.
	EVERTEC	01/17/20 17. Page 67 Form 3.A – A local backup solution with a minimum of 4 hosts with 10TB RAW space is requested.	
37	EVERTEC	01/17/20 a. What sizing was used to arrive to that request? Can we have access to it? 40TB RAW might reduce to 30TB usable, this might not be enough space to store 120TB of data currently on DF servers for this project and have a good retention	This question has been referred to the technical team for response; a reply will be posted in a supplemental Q&A Log to be posted in the next 1-2 days.
38	EVERTEC	01/17/20 b. What is your RTO and RPO for databases?	The Recovery Time Objective and Recovery Point Objective for databases will be determined by PRDE with the selected vendor.



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49	EVERTEC	01/17/20 2. Page 26 – 16(g). The reference to the Law therein should be corrected from Law Number 184 to Law Number 2.	Per the PRDE Law Department, the reference should be Act 1 of January 4, 2018. (See Addendum No.2)
50	EVERTEC	01/17/20 3. Page 37 – 11(B) last sentence. " Proposer is responsible for school site security" Please confirm that it is not applicable to this RFP.	The selected vendor(s) will NOT be responsible for site security. The statement is corrected in Addendum No. 2.
51	IQTEK	01/16/20 #1- Are other options possible? For ex ample 10/25 Gbps or 40 Gbps?	Yes, however, if a Proposer proposes 10 or 40GB, the Proposser will be required to provide network cards for the Brocade router and top of the rack switches (See response to Question 8 above for equipment information)
	IQTEK	01/16/20 Requirement:	
	IQTEK	01/16/20 Each node must have the following network ports:	
	IQTEK	01/16/20 • Two (2) 10Gb Ethernet ports	
	IQTEK	01/16/20 • Two (2) 1Gb Ethernet ports	
	IQTEK	01/16/20 • One (1) 10/100Mb Ethernet Management port	
52	IQTEK	01/16/20 #2- Is it possible to quote 2 <sup>nd</sup> Generation Intel Xeon Scalable Processor?	Yes, the RFP specifies the minimum requirement.
	IQTEK	01/16/20 Requirement: Processor: Intel™ Xeon™ Scalable Processor Family	
53	IQTEK	01/16/20 #3- There are solutions in the market that are not on the Kernel, but can provide better performance. Which one is more important in the evaluation?	The storage layer should be part of or compatible with the Hypervisor.
	IQTEK	01/16/20 Requirement: Virtualized storage layer must run on the Hypervisor's kernel	
	IQTEK	01/16/20 #4- Section 2.G and 2.H these are really routing/security solution.	
54	IQTEK	01/16/20 Can this be separated from the hyperconverged solution?	
55	IQTEK	01/16/20 #5- What are the redundancy requirements for the hyperconverged solution?	This question is unclear and needs clarification for a response to be provided.
56	IQTEK	01/16/20 #6- What levels of failure are supported?	See P. 53 of the RFP and Addendum No. 2
	IQTEK	01/16/20 #7- There are no network requirements on type of switch, port speeds, uplinks speeds, types of ports, etc.	
57	IQTEK	01/16/20 Are there any specific network requirements? Please confirm.	The solution must be compatible with the equipment described in response to Question 8 above.
58	IQTEK	01/16/20 #8- Does the solution require the configuration of best practices for the network components outside?	This question is unclear and needs clarification for a response to be provided.
59	IQTEK	01/16/20 #9- Who would be responsible for the migration ( config + installations) of the solution?	The selected vendor will be responsible for migration, working with a committee of representatives from OSIATD and PRDE application developers.
60	NETWAVE	01/16/20 1. In page 16 section C form 3.B Customer support and proposer facilities information – remote backup services- Proposer facilities indicates that the physical facility must comply with tier 3 or tier 4 levels, considering that currently in Puerto Rico we don't have a data center with those levels. Can the facility to be used have other certifications or similar requirements?	The Remote facility must be Tier-3 or better.

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61	NETWAVE	01/16/20 2. In page16 section C form 3.B Customer support and proposer facilities information – remote backup services- Proposer facilities indicates that there must be a local physical location in PR and a local location within the US continental. Do DoE need 3 datacenters, The DoE, Puerto Rico and USA in addition to a public cloud site?	PRDE requires Onsite data backup and recovery, as well as Remote data backup and recovery (a) to a Remote facility in the Continental United States, or (b) to a local Puerto Rico facility that replicates directly to a Remote backup facility in the Continental United States. (See Addendum No 2)
62	NETWAVE	01/16/20 3. Do the external sites need to have same infrastructure requested for the DoE Data Center Main site?	The external sites must have infrastructure that is compatible with the infrastructure of the PRDE Data Center.
63	NETWAVE	01/16/20 4. In the page10 form 2.B Specific Hyper-Converged Nodes indicates that there must be 1 disk of 400GB for cache use per node, being this a all flash solution mentioned on page 62 form 2.D Virtualized Storage of the RFP Can we add those disks to be part of usable disk space? Note that in an " All Flash" solution where all disks are solid state, it does not make sense to use a disk for cache, because the speed of the cache is the same as the disks where the information is stored. That is why we suggest using all disks as usable space, and not wasting cache space that will not bring any performance improvement.	This question has been referred to the technical team for response; a reply will be posted in a supplemental Q&A Log to be posted in the next 1-2 days.
64	NETWAVE	01/16/20 5. There is no mention in this RFP about network infrastructure. Could you provide a list of network equipment that should be replaced or updated, including brand, model and provide logical network diagram with the current physical components and system connections?	This question has been referred to the technical team for response; a reply will be posted in a supplemental Q&A Log to be posted in the next 1-2 days.
65	NETWAVE	01/16/20 6. What is the monitoring system for the network equipment that is currently used? Are contemplating in this RFP to update the current monitoring system to the latest version or	Proposers should include a new monitoring system as part of their proposal.
66	NETWAVE	01/16/20 7. could it be replaced by an equivalent system? If an equivalent system is allowed, do you have a list of those that would be acceptable to you?	Proposers should include a new monitoring system as part of their proposal.
67	NETWAVE	01/16/20 8. Can you indicate the current disk capacity of usable data in the infrastructure?	See P. 7 of the RFP.
68	NETWAVE	01/16/20 9. In the RFP indicate that the nodes need to be able to scale up to a maximum of 64 nodes per cluster. Can the clusters be less than 64 nodes? Note that for a small environment it is not recommended to have that amount of nodes per cluster. The more a hyper converge system grows, the access to disk will become slower	The scalable reference is for nodes per cluster up to a maximum of 64.
69	NETWAVE	01/16/20 10. Are the RFP tables found from page 58 to 71 a questionnaire? Since there are points that may differ from what the DOE stated in the opening paragraphs.	Each Proposal should indicate whether their solution meets each line item in the tables. Scores will assigned based on the degree to which each proposal meets or exceeds the listed technical requirements. These scores scores will be factored by the Evaluation Committee when rating proposals for the following criteria: "Proposal meets or exceeds RFP Technical & Functional Requirements - this criteria carries a weight of 30%).

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70	NETWAVE	01/16/20 11. With respect to remote backups: Is DOE looking for backup and / or replication services?	Yes.
71	NETWAVE	01/16/20 12. If you need backup and replication services Do you want them to be on the DOE site, at the remote site on the island or abroad (continental United States)?	See the response to Question 61.
72	NETWAVE	01/16/20 13. Regarding database backups: Do you need to make backups using the db engine itself, or are infrastructure backups (VMs) enough?	See P. 14 of the RFP for database requirements.
73	NETWAVE	01/16/20 14. Will the proponent have to use the Agency's existing cabinets, or should they include them as part of the proposal? Should they be included, will the Agency be responsible for providing all the electrical connections necessary to energize them?	PRDE does not know if the existing cabinets meet the needs of the new equipment, so Proposers should include a line item for new cabinets, in the event it is determined that that the existing cabinets cannot be used. The questions regard electrical connections has been referred to the Technical Team and will be responded to in a supplemental Q&A log in the next 1-2 days.
74	NETWAVE	01/16/20 15. In addition to providing all equipment and components as required in the RFP, will the proponent be responsible for performing all work related to the migration of data and applications to the new system or will this be the responsibility of the Agency? If the answer is yes, should the cost involve in such project should be include on this proposal or is going to be manage	See response to Question 59 above.
75	NETWAVE	01/16/20 16. Which Agency devices should the proponent's solution interconnect? Include brand, model, capacity and type of the interconnection ports of this equipment. If possible, provide an interconnection diagram	This question is unclear and needs clarification for a response to be provided.
76	NETWAVE	01/16/20 17. Are the tape library and backups infrastructure to be considered in part of this RFP?	Yes
77	NETWAVE	01/16/20 18. What happens if one of the physical servers in use is not able to be virtualize, for any reason?	In that event, the use of the server would be evaluated and it would be either retained or its applications migrated to another server.
78	NETWAVE	01/16/20 19. What type of backup to tape infrastructure does the DOE currently have, including hardware and software solution?	Tape cartridge: LTO-3  Hardware: 1 IBM System Storage TS3200 Tape Library 3573-L4U 2 IBM System Storage TS3310 Tape Library 3576-L5B 2 IBM System Storage TS3310 Tape Library Expansion 3576-E9U
79	NETWAVE	01/16/20 20. The Biometric Solution for the racks must be fully integrated with the currently biometric systems or need to be a standalone system?	This question has been referred to the technical team for response; a reply will be posted in a supplemental Q&A Log to be posted in the next 1-2 days.
80	NETWAVE	01/16/20 21. We must present in the proposal services for migrating the current infrastructure to the new infrastructure requested in the RFP?	Yes.
81	NETWAVE	01/16/20 22. We must include the removal services of the current racks?	Yes, if necessary.
82	NETWAVE	01/16/20 23. We must include training credits for internal staff of DOE?	Yes, as specified in the RFP and in the RFP Price Proposal Forms.

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83	NETWAVE 01/16/20	24. The configuration of the nodes, must be as the RFP mention or we can provide another one	Proposers may propose an alternative to that stated in the RFP.
84	TRUENORTH 01/17/20	1. Due to the current developments in PR; where multiple earthquakes are affecting not only the South Part of PR, but all of PR with no warnings or time to Prepare, Does PRDE require a Full Deployed Hyper-Converged Hybrid Cloud replicating real time to the Replication or Cloud site? Is there is any preference that the Replication or Cloud Site being hosted in the Continental USA with Geo Redundancy?	Yes, see response to Question 61 and Addendum No. 2.
85	TRUENORTH 01/17/20	2. Section 7-J Installation and configuration of network security software, to support micro segmentation, Layer 2 extensions to disaster recovery site, and load balancing. Since PRDE is requesting Layer 2 network extension, does PRDE requires the possibility of running On-Prem and on the Replication/Cloud Site at the same time to balance Loads?	This question has been referred to the technical team for response; a reply will be posted in a supplemental Q&A Log to be posted in the next 1-2 days.
	TRUENORTH 01/17/20	3. Section 7 – Service Deliverables-	
86	TRUENORTH 01/17/20	a. In this phase, since there is No plan to re-architect current PRDE apps, Does PRDE need to have seamless integration with your current apps on Prem and on Replication/Cloud site?	Yes.
	TRUENORTH 01/17/20	4. For Services deliverables on section 7 – Does PRDE Expect:	
87	TRUENORTH 01/17/20	a. 3 years of warranty for all equipment and software?	Yes.
88	TRUENORTH 01/17/20	b. Managed services for the solution for 3 years?	Yes.
89	TRUENORTH 01/17/20	c. Replication/Cloud Site commitment for 3 years?	Yes.
90	TRUENORTH 01/17/20	5. During the Walkthrough of the Data Center we noticed a Full Rack of Tape Library, what will be the strategy with the current Backup Strategy?	The configuration in the RFP is the minimum requirement. Proposers may
91	TRUENORTH 01/17/20	a. What is the Current Backup Strategy and Info?	See response to Question 14.
92	TRUENORTH 01/17/20	b. Is PRDE Keeping the current strategy for a period of year; for archiving purpose? If So, for how many years?	10 years,
93	TRUENORTH 01/17/20	c. Do you need managed services for this period?	Yes.
94	TRUENORTH 01/17/20	d. Migrate the current strategy to the new one?	Yes, if the proposed new library systems are compatible with existing library.
	TRUENORTH 01/17/20	6. During the walkthrough of the Data Center we noticed that all top of the rack switches connects to a Brocade Core Switch. Can you provide the following:	
95	TRUENORTH 01/17/20	a. Core Switch Model and Specs?	See response to Question 8.
96	TRUENORTH 01/17/20	b. Available Ports and Speed (10Gbe, 40Gbe, 100Gbe)?	See response to Question 8.
97	TRUENORTH 01/17/20	c. Top of the racks Make, Model, Specs, Ports availability?	See response to Question 8.

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TRUENORTH	01/17/20	7. Form 2-A – Point 4 – Complete software stack for the Hyper-Converged System, which includes Virtualized Servers, Virtualized Storage, Virtualized Network and Management System. All these systems must be included by the provider of the solution.	
98 TRUENORTH	01/17/20	a. Does PRDE require that ALL Software Stack and Hardware Layer including Firmware, BIOS and Top of The RACK Switches to be updated automatically from a single console?	Yes, preferably from a single console if possible.
TRUENORTH	01/17/20	8. Form 2-A – Point 10 - Proposer must provide evidence of local availability for replacement parts (within Puerto Rico). This includes spare parts to cover SLAs and required support times for hardware failure	
99 TRUENORTH	01/17/20	a. What kind of Evidence is Required, a Letter from the Hardware Manufacturer? Please detail.	A letter from the hardware manufacturer would be sufficient.
TRUENORTH	01/17/20	9. Form 2-C – Point 2 - Hyper-converged system must provide integrated /engagement support of the virtualized server layer.	
100 TRUENORTH	01/17/20	a. Can PRDE clarify what is expected in this request?	This question has been referred to the technical team for response; a reply will be posted in a supplemental Q&A Log to be posted in the next 1-2 days.
TRUENORTH	01/17/20	10. Form 2-D Point 3 - Virtualized storage must be configured as AFA (All Flash Array) SSD and support future mixed environments. SSD drives must be high performance devices providing cache-writing functionality	
101 TRUENORTH	01/17/20	a. Does PRDE want the Option to have Not only the ALL Flash Array Cluster, but also a Rotational HDDs Cluster for future growth or Not High Demanding Loads within the Whole Solution?	Proposers should include all options for PRDE to consider Proposers think are beneficial or appropriate for the Department.
102 TRUENORTH	01/17/20	11. Form 3-A Windows Environment- Points 4 - Is there a bare metal recovery possibility for Windows Server? Point 5 - Is there a P2V and V2P option?	This question has been referred to the technical team for response; a reply will be posted in a supplemental Q&A Log to be posted in the next 1-2 days.
103 TRUENORTH	01/17/20	a. RFP only Shows a list of Virtual Machines, Not Physical Windows Servers – Can the PRDE provide the List of those Servers with Machine Type, Model and Specs?	Yes, a list of the PRDE physical servers has been uploaded to the PRDE at <a href="https://de.pr.gov">https://de.pr.gov</a> .
104 TRUENORTH	01/17/20	b. Does PRDE want to Virtualize the Physical Servers into the New Hyperconverged Solution?	Yes.
105 TRUENORTH	01/17/20	i. If So, why is Bare Metal Restore needed?	This question is unclear and cannot be responded to without clarification.
106 TRUENORTH	01/17/20	ii. If Not, Will PRDE provide those stand-Alone servers, or need to be quoted?	N/A
TRUENORTH	01/17/20	12. Form 3-B - CUSTOMER SUPPORT AND PROPOSER FACILITIES INFORMATION – All Section	
107 TRUENORTH	01/17/20	a. PRDE is expecting to install the Hyperconverged System on the Current Data Center?	Yes.

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108 TRUENORTH	01/17/20	b. PRDE is requesting a 10Gb line from the PRDE Data Center, to the DR site; if Located in PR as Mandatory. Depending on the DR Replication Strategy the bandwidth can be much lower 20 to 100 Mbps in must cases and will represent in great savings to PRDE. Can PRDE consider this requirement as NOT a Mandatory one?	Yes, but this request has been changed to a non-mandaory requirement. See Addendum No. 2.
109 TRUENORTH	01/17/20	13. Since PRDE already has Azure; Does PRDE require these (azure) workload to participate in micro- segmentation, through a L2 VPN connection from the DR/Cloud Site to PRDE Azure environment?	Yes.