



Amendment 1

Solicitation: RFP0031-20
Date Issued: 5-19-2020
Procurement Officer: Dianna Cecala
Phone: 843-349-5207
E-Mail Address: dianna.cecala@hgtc.edu

DESCRIPTION: **Hybrid Cloud Data Protection Solution**

USING GOVERNMENTAL UNIT: **Horry Georgetown Technical College**

SUBMIT YOUR SEALED PROPOSAL TO EITHER OF THE FOLLOWING ADDRESSES:

MAILING ADDRESS:

Procurement Office
Horry Georgetown Technical College
PO Box 261966
Conway, SC 29528-6066

PHYSICAL ADDRESS:

Procurement Office
Horry Georgetown Technical College
2050 Hwy 501 E, Bldg. 100, Room 122
Conway, SC 29526

SUBMIT OFFER BY (Opening Date/Time): 5/28/2020 at 2:00 pm (See "Deadline For Submission Of Offer" provision)

QUESTIONS MUST BE RECEIVED BY: 5/21/2020 at 5:00 pm E-mail Questions to Dianna.cecala@hgtc.edu

NUMBER OF COPIES TO SUBMIT: **(6) Six hard copies - No electronic copies will be accepted.**

CONFERENCE TYPE: **Pre-Bid Discussion**

DATE & TIME: **05/11/20 1:00 p.m.**

[Join Microsoft Teams Meeting](#)

+1 864-448-0928 United States, Greenville (Toll)

Conference ID: 951 544 731#

LOCATION:

Horry-Georgetown Technical College

2050 Hwy 501 E

Conway, SC 29526

Bldg. 100, Room 107 Boardroom

(As appropriate, see "Conferences - Pre-Bid/Proposal" & "Site Visit" provisions)

**AWARD &
AMENDMENTS**

Intent to Award is expected to be posted on 6/12/2020. The award, this solicitation, any amendments, and any related notices will be posted at the following web address: <http://www.hgtc.edu>

You must submit a signed copy of this form with Your Offer. By signing, You agree to be bound by the terms of the Solicitation. You agree to hold Your Offer open for a minimum of thirty (30) calendar days after the Opening Date. (See "Signing Your Offer" provision.)

NAME OF OFFEROR

(full legal name of business submitting the offer)

Any award issued will be issued to, and the contract will be formed with, the entity identified as the Offeror. The entity named as the offeror must be a single and distinct legal entity. Do not use the name of a branch office or a division of a larger entity if the branch or division is not a separate legal entity, i.e., a separate corporation, partnership, sole proprietorship, etc.

AUTHORIZED SIGNATURE

(Person must be authorized to submit binding offer to contract on behalf of Offeror.)

DATE SIGNED

TITLE

(business title of person signing above)

STATE VENDOR NO.

(Register to Obtain S.C. Vendor No. at www.procurement.sc.gov)

PRINTED NAME

(printed name of person signing above)

STATE OF INCORPORATION

(If you are a corporation, identify the state of incorporation.)

OFFEROR'S TYPE OF ENTITY: (Check one) (See "Signing Your Offer" provision.)

☐ Sole Proprietorship ☐ Partnership ☐ Other _____

☐ Corporate entity (not tax-exempt) ☐ Corporation (tax-exempt) ☐ Government entity (federal, state, or local)

PAGE TWO

(Return Page Two with Your Offer)

HOME OFFICE ADDRESS (Address for offeror's home office / principal place of business)	NOTICE ADDRESS (Address to which all procurement and contract related notices should be sent.) (See "Notice" clause)
	<div style="text-align: right;">_____ Area Code -</div> <div style="text-align: right;">_____ Number - Extension Facsimile</div> <div style="text-align: right;">_____ E-mail</div> <div style="text-align: right;">_____ Address</div>
PAYMENT ADDRESS (Address to which payments will be sent.) (See "Payment" clause)	ORDER ADDRESS (Address to which purchase orders will be sent) (See "Purchase Orders and "Contract Documents" clauses)
_____ Payment Address same as Home Office Address _____ Payment Address same as Notice Address (check only one)	_____ Order Address same as Home Office Address _____ Order Address same as Notice Address (check only one)

ACKNOWLEDGMENT OF AMENDMENTS

Offerors acknowledges receipt of amendments by indicating amendment number and its date of issue. (See "Amendments to Solicitation" Provision)

Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date

DISCOUNT FOR PROMPT PAYMENT (See "Discount for Prompt Payment" clause)	10 Calendar Days (%)	20 Calendar Days (%)	30 Calendar Days (%)	_____ Calendar Days (%)
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PREFERENCES - A NOTICE TO VENDORS (SEP. 2009): On June 16, 2009, the South Carolina General Assembly rewrote the law governing preferences available to in-state vendors, vendors using in-state subcontractors, and vendors selling in-state or US end products. This law appears in Section 11-35-1524 of the South Carolina Code of Laws. A summary of the new preferences is available at www.procurement.sc.gov/preferences . ***ALL THE PREFERENCES MUST BE CLAIMED AND ARE APPLIED BY LINE ITEM, REGARDLESS OF WHETHER AWARD IS MADE BY ITEM OR LOT. VENDORS ARE CAUTIONED TO CAREFULLY REVIEW THE STATUTE BEFORE CLAIMING ANY PREFERENCES. THE REQUIREMENTS TO QUALIFY HAVE CHANGED. IF YOU REQUEST A PREFERENCE, YOU ARE CERTIFYING THAT YOUR OFFER QUALIFIES FOR THE PREFERENCE YOU'VE CLAIMED. IMPROPERLY REQUESTING A PREFERENCE CAN HAVE SERIOUS CONSEQUENCES. [11-35-1524(E)(4)&(6)] PREFERENCES DO NOT APPLY***

PREFERENCES - ADDRESS AND PHONE OF IN-STATE OFFICE: Please provide the address and phone number for your in-state office in the space provided below. An in-state office is necessary to claim either the Resident Vendor Preference (11-35-1524(C)(1)(i)&(ii)) or the Resident Contractor Preference (11-35-1524(C)(1)(iii)). Accordingly, you must provide this information to qualify for the preference. An in-state office is not required, but can be beneficial, if you are claiming the Resident Subcontractor Preference (11-35-1524(D)). ***PREFERENCES DO NOT APPLY***

_____ In-State Office Address same as Home Office Address _____ In-State Office Address same as Notice Address **(check only one)**

AMENDMENTS TO SOLICITATION (JAN 2004)

(a) The Solicitation may be amended at any time prior to opening. All actual and prospective Offerors should monitor the following web site for the issuance of Amendments: <https://www.hgtc.edu/purchasing>. (b) Offerors shall acknowledge receipt of any amendment to this solicitation (1) by signing and returning the amendment, (2) by identifying the amendment number and date in the space provided for this purpose on Page Two, (3) by letter, or (4) by submitting a bid that indicates in some way that the bidder received the amendment. (c) If this solicitation is amended, then all terms and conditions which are not modified remain unchanged. [02-2A005-1]

Vendor Note: Section "HGTC RFP Response", Page 7, Requirement Stating:

"Devices must support a minimum of 20tb of production data backup"

Should be replaced with:

"Devices must support a minimum of 80tb of production data backup"

QUESTIONS FROM OFFERORS - AMENDMENT (JUN 2017)

THE SOLICITATION IS AMENDED AS PROVIDED HEREIN. INFORMATION OR CHANGES RESULTING FROM QUESTIONS WILL BE SHOWN IN A QUESTION-AND-ANSWER FORMAT. ALL QUESTIONS RECEIVED HAVE BEEN REPRINTED BELOW. THE "STATE'S RESPONSE" SHOULD BE READ WITHOUT REFERENCE TO THE QUESTIONS. THE QUESTIONS ARE INCLUDED SOLELY TO PROVIDE A CROSS-REFERENCE TO THE POTENTIAL OFFEROR THAT SUBMITTED THE QUESTION. QUESTIONS DO NOT FORM A PART OF THE CONTRACT; THE "STATE'S RESPONSE" DOES. ANY RESTATEMENT OF PART OR ALL OF AN EXISTING PROVISION OF THE SOLICITATION IN AN ANSWER DOES NOT MODIFY THE ORIGINAL PROVISION EXCEPT AS FOLLOWS: UNDERLINED TEXT IS ADDED TO THE ORIGINAL PROVISION. STRICKEN TEXT IS DELETED. [02-2A097-1]

The following questions were received pursuant to the original date and time specified on the front of the solicitation:

- 1 Is HGTC open to hyperconverged solutions other than Rubrik? - Yes
- 2 Does HGTC require a hyperconverged architected backup product? - Yes
- 3 Would HGTC accept an on premise backup storage solution with replication? - No
- 4 What's the total terabyte capacity requirement for DR & File Backups (Hot & Cold Data)? - 80TB
- 5 How many Nutanix clusters are in scope? - 2
- 6 How many are AHV? - 1
- 7 How many are VMWare? - 1
- 8 How many VMWare guests/instances are being scoped? -130
- 9 How many AHV guests/instances are being scoped? - 89
- 10 What additional guest configurations exist?- None
- 11 Windows - 118
- 12 Linux - 101
- 13 Oracle - 4
- 14 SQL - 2
- 15 Legacy Databases (e.g. DB2/Sybase) - 0
- 16 Customized Linux (e.g. CentOS, ..) - 8
- 17 Number of required DR Test per year - 4
- 18 Does HGTC have defined DR documentation w/RTO's & RPO's? - No
- 19 Does HGTC have any data retention / audit policies? - No

20 Are there any special compliance requirements (e.g. HIPPA ..)? - Yes

21 Will HGTC be migrating any existing tape/VTL/off-site data to this environment (e.g. Data Protector, etc.)? - No

22 We did not see bandwidth requirements in the RFP. What are HGTC's bandwidth transport needs to DR site? - ~4,000 MB/s

23 What technical resources will HGTC be providing for the DR/backup solution? - *we will not be supplying any resources except for the core basic necessities such as power, networking and physical rack space. This RFP states it is for a hyperconverged back up appliance.*

Several Vendors asked about sizing information, bandwidth needs, total VM's, etc.

Our response is:

We have a total of ~50TB of data that will need to be backed-up with an estimated annual 10% change rate.

Retention:

We plan to perform nightly incremental vm snapshot backups on every virtual machine with a retention of 30 days and 90 days retention of monthly off premises.

Oracle database Backups

- Database backups every 2 hours in production on premise and 1 year off-premises (example – Azure)
- Database backups every 12 hours in test on-premises for 30 days and 90 days off-premises (example – Azure)
- Total oracle database servers – 5
- Total Oracle databases on all servers – approximately 10 (Capacity: 6TB total)
- Size of largest database is about 1TB in size.

SQL Database Backups

- 1 SQL HA cluster (2 servers)
- 8 SQL databases (Capacity: 6TB total)

File Share Server

- 1 Windows File Share server
- Capacity: 8TB
- Retention On-Premises – 30-day nightly backups and 1-year off-premises.

Environment Information

Two Nutanix Clusters

- 1 ESXi -
 - 130 VM's
 - Approximately 30TB
 - CentOS and Redhat Linux 5.11 – 7.5
- 1 Nutanix AHV –
 - 89 VM's
 - Approximately 20TB
 - All Windows Server 2012 - 2019

Bandwidth Requirements for target Azure storage – Approximately a minimum of 100 - 150 MB/s.

All other aspects of the Request for Proposal remain unchanged.

Submitted on 5/19/2020

Dianna Cecala, Procurement Manager