



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Solicitation

NUMBER
ISCP0058

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
GUY NISBET 304-558-2596

RFQ COPY

TYPE NAME/ADDRESS HERE

VENDOR

SHIP TO

DEPARTMENT OF ADMINISTRATION
 IS&C - COMMUNICATIONS
 1900 KANAWHA BLVD. E.
 BUILDING 5, 10TH FLOOR
 CHARLESTON, WV
 25305 304-558-5472

DATE PRINTED
03/17/2014

BID OPENING DATE: 03/25/2014

BID OPENING TIME 1:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO.01						
ADDENDUM ISSUED TO PUBLISH AND DISTRIBUTE THE ATTACHED INFORMATION TO THE VENDOR COMMUNITY						
0001	1	LS		920-20		
DISASTER RECOVERY SERVICES AGREEMENT						
***** THIS IS THE END OF RFQ ISCP0058 ***** TOTAL:						

SIGNATURE		TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	

WHEN RESPONDING TO SOLICITATION, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

SOLICITATION NUMBER: ISCP0058
 Addendum Number: No. 01

The purpose of this addendum is to modify the solicitation identified as (“Solicitation”) to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Description of Modification to Solicitation:

Addendum for the WV Office of Technology Disaster Recovery solicitation issued to publish and distribute the attached information to the vendor community.

No other changes.

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ATTACHMENT A

ISCP0058
Vendor Submitted Questions & Agency Responses
March 13, 2014

1. Would the State of West Virginia's Purchasing Division and Department of Administration's Office of Technology (WVOT) accept a solution providing a physical work site within 500 miles of the Charleston, WV site – supporting all required connectivity access to the physical recovery center, with a physical recovery center site located somewhat beyond the 500 mile threshold specified by the RFQ?

A.1. Our preference is for the work site and recovery center to be in the same location. The 500 miles is an approximate distance. Our goal is to be able to drive to the recovery center in approximately 8 hours.

2. If yes, would you please forward the Excel document for bid purposes which is referenced in the RFQ?

A.2. Vendor may request Excel Pricing Page by emailing: Guy.L.Nisbet @WV.Gov with request and ISCP0058 in the Subject Line..

We sincerely appreciate the opportunity to bid on the RFP for the great state of West Virginia. In our attempt to be clear on the requirements of our Sterling Forest facility, the IBM technical team is requesting additional information/answers to the following questions.

Networking Questions:

3. Customer requests that vendor provide a WS-C3560G-24TS-S switch. Can customer explain what will connect to this switch?

Note: Vendor's LAN infrastructure used to connect all subscription equipment is strictly layer 2. BCRS doesn't allow for any layer 3 activity to take place internal to the LAN infrastructure. If customer requires routing between their VLANs, it will need to be done with a layer 3 device that will be trunked to the BCRS LAN infrastructure. BCRS can provide a layer 3 device for this purpose and customer must provide management for the device. Normally, when customers have a requirement for a switch, it is not used to connect to subscription equipment. It is used for Layer 3/InterVLAN routing.

A.3. Workstations will connect to this switch as well as a connection to the mainframe OSA-A interface.

4. Once BCRS assigns VLANs to customer for their test, do they need to route between VLANs?

A.4. Yes

5. If so, then we can provide a Layer 3 device, such as a 6509, 3750 or a router. Customer needs to inform us as to what they would like to use to their InterVLAN routing.

A.5. Since we have our own Cisco 3845 router (see question 6) this is a moot question. We will use the Cisco 3845 Layer 3 Router to route our VLANs

6. Customer states in RFP that they are looking to establish an IPSEC/GRE tunnel via the internet into the BCRS recovery center. The RFP also states that customer will be shipping a Cisco 3845 router and modem to the recovery center. The router that will be shipped shows a DS3 and DS1 card.

A.6. The cards are for options that may be implemented at a later date.

7. Will customer require other types of WAN connectivity outside of the IPSEC/GRE tunnel?

A.7. No. See A.6. and A.8.

8. If so, please provide details of that WAN connectivity.

Note: Vendor will provide a dedicated dial line for modem that customer will ship to recovery center to dial into router.

Note: Customer will provide configuration and management of both routers, to establish an IPSEC/GRE tunnel from the device that is shipped to the recovery center and the device at their remote site.

A.8. The modem is used for out of band management of any device we ship to the DR site. No other WAN connectivity is required currently. Future requirements may necessitate the activation of the T3 / T1 cards.

Mainframe Questions:

9. What operating system levels are you running?

A.9. z/OS V1R13 and z/VM V6R2

10. Are there any encryption requirements, such as Crypto Express adapters, disk or tape encryption?

A.10. The system recovery tape is not encrypted. Other physical data tapes are encrypted via ISKLM. (ISKLM database is restored from the unencrypted tape.)

11. Do you require secure disk erase such as DOD, Department of Defense, erase?

A.11. Yes

12. Are there any printing requirements, please specify brand, quantity and model?

A.12. No, just a printer that is accessible to our workstations during the test.

13. Will you be bringing any customer owned equipment with you that requires channel connectivity to the mainframe, please specify?

A.13. No.

• **Additional RFP Questions:**

14. In the RFP, the Pre-Bid meeting will not be held prior to the bid opening. However, the pre-bid meeting is still mentioned in the RFP. IBM is not clear if there will or will not be a pre-bid meeting.

A.14. This is NOT an RFP, this is a RFQ. There was NO Pre-bid scheduled for this solicitation.

15. Concerning the winning of the RFP, will the contract start on April 1, 2014? If not, what date will the contract start?

A.15. We will negotiate a start date upon successful award of the contract.

16. Name of your current disaster recovery provider?

A.16. Our contract with Recovery Point in Gaithersburg, Maryland expired December 15, 2013. We have no current disaster recovery provider.

17. Can we electronically deliver the bid response or does it have to be sent by courier?

A.17 Per the RFQ Section: 6 Bid Submission. Acceptable delivery methods include hand delivery, delivery by courier, or facsimile. Email is not acceptable.

18. How many copies do you actually require for the bid response, in addition to the original documents?

A.18. 3 Three if they are larger than 20MB

19. Does the State have a target RTO (Recovery Time Objective) and a target RPO (Recovery Point Objective)?

A.19. Yes, RTO for the base system is within 8 hours of arriving at the recovery site and RTO for the user applications is an additional 8 hours. We identify a target RPO for our agencies upon declaring the disaster.

20. Can we assume tape-based recovery or is replication involved?

A.20. Recovery is tape-based using an empty TS7740. We will be bringing the required tapes with us.

21. Is the 80 hours of test time contiguous (around the clock) or expected to be during normal business hours?

A.21. Test time is contiguous, around the clock.

22. How many applications will be tested yearly and how many will require recovery at time of disaster?

A.22. We test 8 – 10 applications annually, all which require recovery at the time of the disaster.

23. Have you documented your application Tiers? If yes, how much data & storage is required for each?

A.23. We do not Tier our applications on the mainframe.

24. Are there different RTO/RPO objectives per application?

A.24. No, see answer #19.

25. Does the State have a documented continuity plan? Is IT Service Continuity Management (ITSCM) utilized?

A.25. Yes, the continuity plan is documented. No, ITSCM is not utilized.

26. Does the State have Technical Recovery Plans (TRP's) written?

A.26. Yes, recovery plans are written.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: ISCP0058

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|---|--|
| <input type="checkbox"/> Addendum No. 1

<input type="checkbox"/> Addendum No. 2

<input type="checkbox"/> Addendum No. 3

<input type="checkbox"/> Addendum No. 4

<input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 6

<input type="checkbox"/> Addendum No. 7

<input type="checkbox"/> Addendum No. 8

<input type="checkbox"/> Addendum No. 9

<input type="checkbox"/> Addendum No. 10 |
|---|--|

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Company

Authorized Signature

Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.
 Revised 6/8/2012