

Scott County Administration
Purchasing Division
600 West Fourth Street, Davenport, IA 52801-1030

REQUEST FOR QUOTATION
Scott County Requisition No. 19546

Bidders need to complete and submit this form.

Submission Date: 7/12/2021	No Later Than: 9:00 a.m.
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Qty	Description
	Scott County is seeking Professional Services for the
	Installation and Implementation of a new Cisco network Infrastructure
	within Scott County facilities.
	Scope of work, desired action items, equipment listing, and addendums are attached.
	<u>Submit responses to www.publicpurchase.com</u>
	<u>Please register at www.publicpurchase.com</u>
	price quotation good for 60 days
	Delivery Included
	From time to time it may be necessary to change or modify a request for purchase. If you have received this request from any other source other than direct fax or email from Scott County, it is your responsibility to check for updates and/or changes to the request. If you would like to receive automatic updates please register your company in our vendor data base by using our website, www.scottcountyiowa.gov

Scott County reserves the right to accept the bid from the lowest responsible bidder.

Quote submitted by:

Released by:
(Scott County Use Only)

_____ Name

Date: 6/25/2021
Time: 11:00 a.m.

_____ Title

_____ Company

PLEASE NOTE:
Bidders must provide an estimated delivery date in their bid response!

_____ Date

Company Contact Information:	Phone:
	E-Mail:

“By virtue of statutory authority, a preference will be given to products and provisions grown and coal produced within the State of Iowa.”

Administration

Purchasing Division

600 West Fourth Street
Davenport, Iowa 52801-1030



Ph: (563) 326-8793 Fax: (563) 328-3285

Email: [purchasing](mailto:purchasing@scottcountyiowa.gov)

[@scottcountyiowa.gov](mailto:purchasing@scottcountyiowa.gov)

Scott County of Iowa is seeking vendors to provide professional services proposals for the installation and implementation of a new Cisco network infrastructure within Scott County facilities. The proposed network equipment list (Addendum A) and simple network design document (Addendum B) are attached for your review.

Following is a brief description of the project and the desired services which we are seeking.

Scott County of Iowa is a medium size local county government agency with approximately twenty agencies serviced by the Scott County Information Technology department. Scott County Information Technology (SCIT) currently maintains a ten plus year old Cisco Catalyst and Nexus networking infrastructure based on 100Mb to 1Gb wired and wireless connectivity for our end users, 1 to 20 GbE connectivity to edge switching, 20GbE campus core connectivity, and 40GbE data center connectivity. The environment consists of around 100 Cisco edge switches, 100 Cisco wireless access points, and around 25 additional larger Cisco core infrastructure components.

Through a separate project we are expecting to purchase new equipment to replace much of this aging network infrastructure. The intent is to build a new network infrastructure that will provide solid connectivity and capabilities for the next ten to fifteen years. We will move all user connections to 1Gb connectivity, edge switching uplinks will range from 1 to 50Gb, and both campus and datacenter core connectivity will be increasing to between 80Gb and 120Gb.

Much of the new equipment will replace existing equipment on a one-for-one basis. Exceptions to this rule involve a few cases of elimination, expansion, or swapping of existing network gear. Most of the new edge devices will be implemented in a staged conversion approach versus a flash cut to avoid excessive down time.

Please contact Sam Samara with Scott County Information Technology at 563-328-3271 or by e-mail at samuel.samara@scottcountyiowa.gov with any questions concerning this request for professional services.

Deadline for questions is July 1, 2021 at 10:00a.m., questions and answers will be posted on July 2, 2021.

Submissions are to be returned to www.publicpurchase.com.

RFP Deadline: Monday, July 12, 2021, 9:00 a.m.

The following list details the desired action items for the implementation of the new equipment.

1. Work with I.T. staff to establish a best practice approach for deploying the new equipment.
2. Work with I.T. staff to establish a logical and physical network configuration plan.
3. Work with I.T. staff to establish a network installation/implementation schedule.
4. Physically stage the removal of specified networking gear with the assistance of I.T. staff.
5. Physically stage the install of new listed networking gear with the assistance of I.T. staff.
6. Use Cisco reference design architecture best practices for deployment of the systems.
7. Load appropriate updated/stable IOS/firmware versions on all new equipment.
8. Implement all appropriate security capabilities/protections available on the new equipment.
9. Establish base configurations on all listed network gear with the input of I.T. staff.
10. Implement Cisco DNA Center capabilities on all new devices that are included in this project.
11. Establish commands to provide event reporting and logging to our Solarwinds Orion NPM.
12. Implement Cisco Identity Services Engine and TACACS capabilities on all the new equipment.
13. Migrate existing 802.1x authentication capabilities into new wireless and wired system.
14. Establish switching between two new Cisco Nexus 9336's and four HPE VC20/40F8 modules.
15. Establish connectivity between the new Cisco Nexus 9336 and Cisco Catalyst 9606 cores.
16. Establish temporary interop connectivity with two existing Cisco Nexus 7010 core switches.
17. Establish rapid failover capabilities like NSF/SSO in equipment that supports rapid failover.
18. Establish Switch Virtual Link (SVL) capabilities on all redundantly connected switches/stacks.
19. Establish new L2/L3 capabilities where needed, including but not limited to RSTP and EIGRP.
20. Replicate 100 existing HSRP VLAN's into the new equipment and add new VLAN's as needed.
21. Integrate new equipment with an existing 1100 phone Cisco Unified Communication system.
22. Implement appropriate QOS configurations to support the existing Cisco VoIP infrastructure.
23. Implement power conservation capabilities and commands for VoIP phones when available.
24. Configure wireless controllers and access points for later deployment by Scott County Staff.
25. Establish new and modify existing wireless networks to comply with security best practices.
26. Implement necessary security configurations to support new Cisco 1150 security appliances.
27. Transfer firewall configurations from an existing Cisco ASA 5525 pair to new Cisco 1150 pair.
28. Implement and integrate new Cisco Firepower appliance into the environment.
29. Assist with the set-up of a Cisco Threat Defense virtual machine for security analysis use.
30. Register the new maintenance contracts for the newly acquired equipment.
31. Assist I.T. staff with the deployment of hardware during the initial 25% of the project.
32. Provide technical guidance when necessary for the remaining 75% of the project.
33. Provide knowledge transfer opportunities through-out the project to I.T. staff.
34. Provide full project documentation in electronic and print form that includes network diagrams, network baselines, device configurations, and appropriate technical guides.

This work will be performed at various Scott County locations and may require some travel. All work locations are within the borders of Scott County. Approximately 20% of work will occur outside of normal business hours during the implementation phase of the project. We reserve the right to select or reject items above as needed in the final project.

Scott County CONTRACTOR Insurance Requirements

INSURANCE

The CONTRACTOR shall secure and maintain such primary insurance policies as will protect himself or his Subcontractors from claims for bodily injuries, death or property damage which may arise from operations under this contract whether such operations be by himself or by any Subcontractor or anyone employed by them directly or indirectly.

The CONTRACTOR shall have in force during the period of this contract, insurance as listed below. Scott County must be identified as a certificate holder and shall be named as an additional insured under General Liability.

(1) General Liability

Each Occurrence	\$1,000,000
General Aggregate	\$2,000,000
Products Completed	\$1,000,000

(2) Auto Liability

Any Auto, Hired & Non-Owned	
Combined Single Limit	\$1,000,000

(3) Excess Liability Umbrella \$1,000,000

THE ABOVE INSURANCE SHALL BE PRIMARY AND NON-CONTRIBUTORY

(4) Statutory Worker's Compensation with waiver of subrogation in favor of Scott County

CERTIFICATES OF INSURANCE

Certificates of Insurance, acceptable to Scott County indicating insurance required by the Contract is in force, shall be filed with the County prior to approval of the Contract by the County. The Contractor shall insure that coverages afforded under the policies will not be cancelled until at least thirty (30) days prior written notice has been given to the County. The Contractor will accept responsibility for damages and the County's defense in the event no insurance is in place and the County has not been notified.

INDEMNIFICATION

To the fullest extent permitted by the law, the Contractor shall defend, indemnify, and hold harmless the County, its officials and its agents and employees from and against all claims, damages, losses and expenses, including but not limited to, all attorneys' fees arising out of or resulting from the performance

of the work, provided that any such claim, damage, loss or expense

(1) is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the Work itself), including the loss of use resulting therefrom; and

(2) is caused in whole or in part by any negligent act or omission of the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable.

In any and all claims against the County, its officials or any of its agents or employees by any employee of the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the indemnification obligation under this Paragraph shall not be limited in anyway by any limitation on the amount or type of damages, compensation or benefits payable by or for the Contractor or any Subcontractor under workers' or workmen's compensation acts, disability benefit acts or other employee benefit acts.