

**SAN YSIDRO SCHOOL DISTRICT
GOVERNING BOARD AGENDA**

TO: Governing Board

BOARD MEETING DATE: June 26, 2018

VIA: Gina A. Potter, Ed.D.
Superintendent

FROM:
Human Resources
Daniel Zummo, Executive Director

INITIAL: DZ

Informational
 Action

AGENDA ITEM: SELECTION OF LEGAL COUNSEL

BACKGROUND INFORMATION:

The District noticed a Request for Qualifications (RFQ) in search of legal firms to advise the District on a variety of legal matters including: human resources, general education law, facilities services, special education, business services, and government relations. The Board may direct the Superintendent to enter into agreements with one or more law firms who responded to the RFQ to retain their legal services on an as-needed basis.

RECOMMENDATION:

Direct the Superintendent to enter into agreements with one or more law firms who responded to the RFQ to retain their legal services on an as-needed basis.

LCAP GOAL AND ACTION/SERVICE:

N/A

Renewal New Amendment Ratify Other

Business Services Reviewed: _____

Financial Implications?

Are funds for this item available in the 2018-2019 Budget?

Requisition #

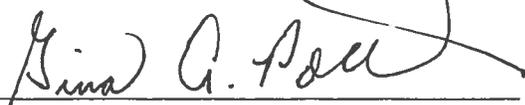
Yes No

Yes No

(Amount)
(Name of funding source and/or location)
(Funding account number)

Recommended for: Approval Denial Certification Requested Yes No

Superintendent's Office Certification:



Gina A. Potter, Ed.D., Superintendent
Secretary to the Board

**SAN YSIDRO SCHOOL DISTRICT
GOVERNING BOARD AGENDA**

TO: Governing Board

BOARD MEETING DATE: June 26, 2018

VIA: Gina A. Potter, Ed.D.
Superintendent

FROM:
Information Technology
Todd Lewis, Director

INITIAL: TL
 Informational
 Action

AGENDA ITEM: AGREEMENT WITH VECTORUSA FOR NETWORKING SERVICES FOR WIRELESS, FIREWALL, STORAGE AND DOMAIN MIGRATION PROJECTS

BACKGROUND INFORMATION:

The District's Information Management Services Department and VectorUSA have reviewed our school's current systems and infrastructure. Based upon industry best practices they recommend the following projects as a cost effective way to improve the long term security, reliability and management of our technology. In addition, these projects are designed to improve the end user's technology experience as well as provide for future growth. VectorUSA is a reputable company with experienced staff relevant to these projects and together with District staff will ensure that the projects are on schedule and within budget.

The following Projects are included for Governing Board approval:

1. Phase 1: Implement WLAN Security (\$5,120.00)
 - Segmenting the wireless network into sub networks for Guests, Chromebooks & Laptops
2. Phase 2: Implement Firewall Configurations (\$1,200.00)
 - Create an Explicit Proxy for Synergy, Destiny and Exchange for security purposes
3. Phase 3: Configure and Optimize the SAN (\$2,500.00)
 - Maximize storage capability of the SAN
4. Phase 4: Complete the Domain Migration (\$5,575.59)
 - Migrate all sysd.k12.ca.us accounts, users and machines to sysdschools.org domain (\$5,000)
 - Purchase and install new 900GB hard drive on the Hyper-V SAN (\$534.19 + \$41.40)

RECOMMENDATION:

Approve the agreement with VectorUSA for Network Engineering Services for wireless, firewall, storage, and domain migration projects for a total cost of \$14,395.59 from the General fund.

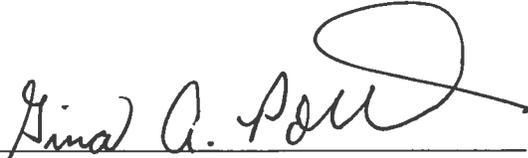
LCAP GOAL AND ACTION/SERVICE:

Goal 1: Student Achievement, Action 1.4: Continue to utilize current data system. Assess and evaluate system to determine effectiveness.

<input type="checkbox"/> Renewal <input checked="" type="checkbox"/> New <input type="checkbox"/> Amendment <input type="checkbox"/> Ratify <input type="checkbox"/> Other		Business Services Reviewed: _____
Financial Implications?	Are funds for this item available in the 2018-2019 Budget?	Requisition #
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<div style="border: 1px solid black; width: 100%; height: 20px;"></div>
<div style="border: 1px solid black; padding: 2px;">\$14,395.59 (Amount)</div>	<div style="border: 1px solid black; padding: 2px;">General Fund (Name of funding source and/or location)</div>	<div style="border: 1px solid black; padding: 2px;">-- (Funding account number)</div>

Recommended for: Approval Denial Certification Requested Yes No

Superintendent's Office Certification:



Gina A. Potter, Ed.D., Superintendent
Secretary to the Board

San Ysidro School District

Network Engineering Services for Wireless, Firewall,
Storage, and Domain Migration Projects



San Ysidro School District

VectorUSA Contact:

Christie Lange

(858) 875-5711

clang@vectorusa.com

June 18, 2018

Todd Lewis
San Ysidro School District
4350 Otay Mesa Road
San Ysidro, CA 92173

Dear Todd,

VectorUSA would like to thank you for the opportunity to provide professional network engineering services for your district's projects. This agreement includes the following scopes of work:

- Implement configurations to improve security for the Wireless local area network (WLAN)
- Implement critical Firewall configurations to improve the district's security posture
- Configure and optimize the data storage area network (SAN)
- Complete the Domain Migration

Please feel free to contact me with any questions you may have. Thank you for your consideration, and we look forward to working with you.

Sincerely,
Christie Lange
Account Executive
(858) 875-5711
clange@vectorusa.com

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1.0 Executive Summary

VectorUSA shall provide professional network engineering services to San Ysidro School District [herein “San Ysidro SD” or the “District”] to implement best practices for the wireless LAN, firewall, storage and complete the domain migration. These configurations will improve the security posture of the district.

VectorUSA provides comprehensive care for our customers’ technology infrastructure, and our services are customized to meet each of our customers’ specific business objectives. Our service offerings for the immediate needs of the San Ysidro School District are focused on meeting the following objectives:

1. Assure a strong security posture for the wireless local area network (WLAN)
2. Defend against Internet based malicious attacks by implementing proper firewall configurations
3. Maximize the investment by the District in the data storage technology on premise by reconfiguring and optimizing the storage area network (SAN)
4. Enable and complete the planned migration to the new domain

2.0 About VectorUSA

VectorUSA’s corporate vision is to “become the unsurpassed standard in ‘Connecting People to Information.’” We build our business one customer at a time through our family of dedicated employees by providing reliable, high-quality communications solutions that exceed our customer's expectations.

As a leader in core network technologies, VectorUSA’s vision of information services is IP centric. Our fundamental approach begins with developing a deep understanding of the underlying flow of information across our customer’s technology infrastructure. We then design our systems and services to assure that information flow is designed and managed to optimize efficiency, availability, security and cost effectiveness.

3.0 Scope of Work

VectorUSA will provide professional Engineering Services in phases, as follows:

- Phase 1: Implement WLAN Security
- Phase 2: Implement Firewall Configurations
- Phase 3: Configure and Optimize the SAN
- Phase 4: Complete the Domain Migration

Phase 1: Implement WLAN Security

Upon execution of this Agreement to provide services, VectorUSA's engineering team will coordinate a planning meeting with the district's technology team. A VectorUSA wireless network engineer will be deployed to perform a wireless network discovery for San Ysidro School District. At the conclusion of the discovery, the wireless engineer will provide best practices for segmenting the network into (3) or (4) additional sub networks for the following: Guests; Chromebooks; and laptops. The engineer will then implement the agreed-upon network segmentation.

Phase 2: Implement Firewall Configurations

VectorUSA's engineer will augment the security practices already in place by activating a feature available within the Fortinet 1500D Fortigate firewall. This feature is referred to as an Explicit Proxy, and will be setup to simulate a proxy server for your Internet applications, Exchange, Synergy, and Destiny. With this Explicit Proxy configuration, there will be one more layer of defense against Internet based malicious attacks. A VectorUSA Network Engineer will first investigate the network parameters and then make the configuration changes to the Fortigate firewall.

Phase 3: Configure and Optimize the SAN

VectorUSA will perform the following professional services to maximize the storage capability of the SAN. This will ease day to day IT operations by eliminating the need to shuffle VMs between unoptimized shared volumes. SYSD IT must first migrate MS Exchange email to Gmail to free up storage.

The services will be performed in the following order:

- 1) VectorUSA will conduct a test restore in SYSD's environment to get a data rate;
- 2) Identify a 72 hour window to re-provision storage and restore back-ups;
- 3) VectorUSA will properly snapshot/checkpoint the current SAN environment, then reconfigure and rebalance the SAN for best utilization. Data will be pulled from the local server and disk.

Phase 4: Complete the Domain Migration

VectorUSA and San Ysidro SD will mutually determine a start date for this migration. The Email service must be migrated from Exchange to Gmail before this work can take place. One 900GB new hard drive will be installed on the Hyper-V SAN. VectorUSA will then perform discovery of all service accounts and migrate them to the new domain. Once the service accounts have been migrated, all domain users will be migrated to the new domain. VectorUSA will then perform discovery of all active machines in the old domain and migrate them to the new domain.

4.0 Pricing

Pricing for the services is below:

Network Engineering Services PRICING				
Description of Services	Professional Resource	Hours	Material	TOTAL
Implement WLAN Security: Discovery and Segmentation	Wireless Network Engineer	40		\$5,120
Implement Firewall Configurations	Senior Network Engineer	8		\$1,200
Configure and Optimize the SAN	Network Engineer	20		\$2,500
Domain Migration	Network Engineer	40		\$5,000
900GB 12GB/S SAS 10K RPM SFF HOT-SWAP HDD FOR HP SAN			\$534.19	\$534.19
			SUBTOTAL	\$14,354.19
			SALES TAX	\$41.40
Total Price				\$14,395.59

5.0 Duration, Invoicing and Payment

VectorUSA anticipates that the WLAN and Firewall configurations shall commence in July 2018. The SAN configuration and Domain Migration projects shall commence in October 2018 and end by November 30, 2018.

Materials required to resolve technical issues are not included and will be quoted separately upon request.

VectorUSA shall submit to District an itemized invoice which indicates work completed. District shall review each invoice and/or receipts submitted to determine that the work performed and expenses incurred are in compliance with the provisions of this agreement. District shall pay VectorUSA within 30 days and in accordance with this agreement.

6.0 Terms and Conditions

The following terms and conditions are incorporated into VectorUSA's Agreement for services (the "Agreement") made between VectorUSA and San Ysidro School District (the "Customer").

Scope of Services: VectorUSA agrees to provide the professional services stated in this Agreement for Customer Premise Equipment ("Equipment"). VectorUSA does not warrant that the operation of any listed Equipment shall be uninterrupted.

Charges for materials and services requested outside the scope of this Agreement but still required to resolve Customer requests shall be addressed in a written change order.

Payment: VectorUSA shall submit to District an itemized invoice which indicates work completed. District shall review each invoice and/or receipts submitted to determine that the work performed and expenses incurred are in compliance with the provisions of this agreement. District shall pay VectorUSA within 30 days and in accordance with this agreement.

Access: Customer agrees to maintain, where required, a full time, dedicated Internet connection and to allow VectorUSA access to the Customer's network via that Internet connection. Customer agrees to allow VectorUSA employees access to its facilities in order to perform services under this Agreement.

Limited Warranty: VectorUSA warrants to the Customer that the SERVICES to be delivered or rendered hereunder will be of the kind and quality designated and will be performed by qualified personnel. VECTORUSA MAKES NO OTHER WARRANTIES, WHETHER WRITTEN, ORAL, OR IMPLIED, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Limitation of Liability: The Customer agrees that VectorUSA will not be liable for any special, incidental, indirect, or consequential damages hereunder, including but not limited to the loss of profit, or liability to third parties but only in proportion to and to the extent such liability, loss, expense, attorney's fees, or claims for injury or damages are caused by or result from the negligent or intentional acts or omissions of either party, its officers, agents or employees.

It is recognized that the Equipment contains memories or other devices which have accumulated substantial data. In no event shall VectorUSA be liable to the Customer if any such data is lost or rendered inaccurate, regardless of the cause of any such loss or inaccuracy.

VectorUSA's liability on any claim of loss or liability, arising out of or connected with this Agreement shall in no case exceed the total purchase price of services covered under this Agreement. In no event shall VectorUSA's liability for any services under this Agreement exceed \$25,000. VectorUSA will in no way be held responsible and/or liable for damages, monetary or otherwise, by customer, or any other affected party, in the event of a security breach or network security-related outages, damages, losses, etc. but only in proportion to and to the extent such liability, loss, expense, attorney's fees, or claims for injury or damages are caused by or result from the negligent or intentional acts or omissions of either party, its officers, agents or employees.

In no event shall either VectorUSA or the Customer be liable to the other for any indirect, special, punitive, exemplary, incidental or consequential damages (including, but not limited to, lost profits, lost business opportunities, or loss of use or equipment down time, and loss of or corruption to data) arising out of or relating to any portion of this Agreement, but only in proportion to and to the extent such liability, loss, expense, attorney's fees, or claims for injury or damages are caused by or result from the negligent or intentional acts or omissions of either party, its officers, agents or employees.

Excusable Delays: VectorUSA shall not be liable for any failure or delay in furnishing maintenance or spare parts hereunder resulting from fire, explosion, flood, storm, Act of God, governmental acts, orders or regulations, hostilities, civil disturbances, strikes, labor difficulties, difficulty in obtaining parts, supplies, or shipping facilities, inability to obtain or delays in obtaining suitable material or facilities required for performance, temporary unavailability of qualified personnel, failure by Customer to provide full and appropriate access to the covered Equipment, failure of monitoring hardware or software, Customer Internet connection failure, or other causes beyond VectorUSA's reasonable control.

Exclusions: THIS AGREEMENT DOES NOT INCLUDE THE REPAIR OR REPLACEMENT OF ANY HARDWARE PRODUCT, OR ANY SOFTWARE LICENSING. The Customer is advised to maintain hardware warranties on covered equipment at their own discretion and expense. Customer is responsible to assure all software used by the Customer is appropriately licensed.

Indemnification: Both the Customer and VectorUSA agrees to defend, indemnify and hold harmless the other party, its vendors, and their respective directors, officers, employees and agents from and against all claims and expenses, including attorneys' fees, arising out of the Customer's use of the services in this Agreement but only in proportion to and to the extent such liability, loss, expense, attorney's fees, or claims for injury or damages are caused by or result from the negligent or intentional acts or omissions of either party, its officers, agents or employees.

Applicable Law: This Agreement shall be governed by the laws of the State of California. It constitutes the entire Agreement between the Customer and VectorUSA. Its terms and conditions shall prevail should there be any variance with the terms and conditions of any order submitted by the Customer for the repair or maintenance of the Equipment in the Equipment.

Either party may terminate this Agreement at any time for failure of the other to comply with any of its Terms and Conditions.

Scope of Agreement: If the scope of any of the provisions of the Agreement is too broad in any respect whatsoever to permit enforcement to its full extent, then such provisions shall be enforced to the maximum extent permitted by law, and both the Customer and VectorUSA hereto consent and agree that such scope may be judicially modified accordingly and that the whole of such provisions of this Agreement shall not hereby fail, but that the scope of such provisions shall be curtailed only to the extent necessary to conform to the law.

7.0 Agreement

By signing below, both San Ysidro School District and VectorUSA acknowledge that they have read, understood and agree to be bound by the terms and conditions provided in this Agreement, and that the persons signing are duly authorized to do so. San Ysidro SD authorizes VectorUSA to perform the Scope of Work described in this Agreement, and to the associated terms of invoicing and payment.

VectorUSA
9808 Waples Street
San Diego, CA 92121

San Ysidro School District
4350 Otay Mesa Road
San Ysidro, CA 92173

By:

By:

Christie Lange
Account Executive
VectorUSA

(Printed Name)

June 25, 2018

(Printed Title)

(Printed Date)



(Signature)

(Signature)

END OF DOCUMENT