

EXECUTIVE SUMMARY

Recommendation of \$500,000 or Greater FY21-038 – DNS & DHCP System Upgrade

Introduction

Responsible: Procurement & Warehousing Services (PWS)

This request is to approve the recommendation to award Invitation to Bid (ITB) FY21-038 – DNS & DHCP System Upgrade to Champion Solutions Group, Inc. for three (3) years starting July 1, 2020 through June 30, 2023, with an option for two (2) additional one (1) year renewals periods.

The spending authority requested is \$1,279,800. Execution of this contract and authorization of this spending authority is contingent upon School Board approval of the 2020-2021 Capital Budget.

Goods/Services Description

Responsible: Information Technology (IT)

Broward County Public Schools (BCPS) technology (security cameras, computers, smartboards, phones, etc.) connect to the external Wide Area Network / Internet via systems called DHCP (Dynamic Host Configuration Protocol) and DNS (Domain Name System).

This Enterprise Infrastructure system is part of the first (1st) layer of the network (see Exhibit 1 attached) that creates and manages the Physical Address and Physical Domain Name of the Physical BCPS Network so it can communicate digitally.

The District's current DHCP/DNS is Infoblox DDI and comes to a technological end of life in February 2021, at which time no further maintenance or support will be available for the product. Additionally, the current product is not appropriately sized to handle the volume of data/traffic traveling to the Internet for the current BCPS environment, which is inclusive of the expanded scope of Distance Learning recently spun up within the District. The new Infoblox product is the market leader for organizations of BCPS's size, and integration with existing security technology will be seamless based on validated compatibility. The summer break is the ideal time to change out this product due to the magnitude of this upgrade. BCPS IT staff will collaborate with the vendor to implement this upgrade, ensuring proper adjustments to the configuration can be accomplished prior to the start of the school year and the return of students.

Procurement Method

Responsible: PWS & IT

The solicitation ran from March 25, 2020 through April 23, 2020. There were three hundred fifty-five (355) vendors notified, nine (9) vendors downloaded the ITB, and two (2) bids were received before bid opening. The bid shall be awarded by group to the lowest price, responsive and responsible bidder.

The Affirmative Procurement Initiative assigned by the Economic Development & Diversity Compliance Department (EDDC) to this solicitation is the Voluntary Minority Women Business Enterprise (M/WBE) Distributorship Program. The EDDC department conducted a review of the bids received and determined that Champion Solutions Group and JDL Technologies Inc. are not SBBC certified M/WBEs, and neither one (1) committed to participation in the Voluntary M/WBE Distributorship Development Program.

Recommendation of \$500,000 or Greater
FY21-038 – DNS & DHCP System Upgrade
June 23, 2020 Board Agenda
Page 2

Financial Impact
Responsible: PWS & IT

The total spending authority requested is \$1,279,800 (rounded), as demonstrated below and is funded by the Capital Budget:

| Product | Qty | List | SBBC Price | Ext SBBC Price | Discount off List |
|-------------------------------|-----|-----------|------------|--------------------|-------------------|
| TE-825-SWBSUB-NS1GD-4-3 | 1 | \$9,414 | \$6,556 | \$6,556 | 30% |
| TE-2225-SWBSUB-NS1GD-4-3 | 4 | \$58,529 | \$40,761 | \$163,045 | 30% |
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| IB-SUB-THREAT-ESNTL-TE-2225-3 | 4 | \$65,430 | \$45,567 | \$182,270 | 30% |
| TE-1415-SWBSUB-NS1GD-4-3 | 2 | \$20,284 | \$14,127 | \$28,253 | 30% |
| TE-4015-SWBSUB-NS1GD-4-3 | 3 | \$130,138 | \$90,632 | \$271,895 | 30% |
| ND-2205-SWBSUB-NIGD-4-3 | 1 | \$73,492 | \$51,182 | \$51,182 | 30% |
| TR-SWBSUB-5005-ACTIVATION | 1 | \$0 | \$0 | \$0 | 0% |
| TR-SWTL-5GB-4-3 | 1 | \$37,717 | \$26,267 | \$26,267 | 30% |
| IB-SVC-PS-BUNDLE-DAILY | 5 | \$2,845 | \$2,703 | \$13,514 | 5% |
| IB-SVC-PS-DAILY | 5 | \$2,595 | \$2,465 | \$12,326 | 5% |
| IB-SVC-PS-PRJMGMT | 2 | \$2,295 | \$2,180 | \$4,361 | 5% |
| IB-SVC-PS-CUSTOM-FFP | 1 | \$36,847 | \$35,005 | \$35,005 | 5% |
| IB-TECH-ACCT-MGR-PLUS | 3 | \$110,000 | \$104,500 | \$313,500 | 5% |
| IB-EDU-TRN-CRDT | 100 | \$90 | \$86 | \$8,550 | 5% |
| Total Years 1-3 | | | | \$1,279,767 | |

Infoblox was originally purchased on December 1, 2015, utilizing Request for Proposal 15-090E – Network and Telecommunication Goods and Services (e-Rate) and cost \$612,321 for years one (1) through three (3).

The original solution designed by the manufacturer for our environment five (5) years ago accommodated one hundred thousand (100,000) devices. By 2019, the District’s device requirement had increased to three hundred eighty-nine thousand (389,000) and is projected to increase to five hundred fifty-four thousand (554,000) over the next three (3) years, which is a five hundred (500) percent increase. This new design is configured to support this increased device count. In addition, this design ensures optimal service uptime.

The licensing model originally purchased in 2015 is Perpetual and requires to refresh every five (5) years. The new licensing model is a Software Substitute Licensing model, which mitigates the risk of End of Life products and high costs to upgrade in the future. SBBC IT is working towards a fixed cost management structure over an extended period of time, allowing SBBC the ability to upgrade, so long as SBBC maintains the Infoblox contract.