EXHIBIT A - DETAIL REPORT

DEPARTMENT	BUSINESS OWNER	VENDOR	FUNDING SOURCE	FY2018-2019		FY2019-2020		VARIANCE Increase (Decrease)	ITEM DESCRIPTION	AREA*
				I&T FUNDED	OTHER DEPT FUNDED	I&T FUNDED	OTHER DEPT FUNDED			
Technical Education	Technical Education	BurlingtonEnglish	Work Force Development Funds - ATC		$ 342,144		$ 342,144	$ -	BurlingtonEnglish® - A print and digital contextualized curriculum used to support the adult career pathways Integrated Education and Training and academic needs of students enrolled in the "Workforce Education" adult general education programs. Provides blended learning curriculum that supports fidelity of implementation with material for classroom and computer-assisted instruction. This line item is for continued access to 4455 BurlingtonEnglish® Seats as well as one WebMic® per seat, software updates, technical support, and professional development. Renewal Period: 07/01/2019 - 06/30/2020	1
Academics	Innovative Learning	Discovery Education	General Funds - IT	$ 253,180		$ 277,280		$ 24,100	Discovery Education Streaming - DE Streaming - Comprehensive collection of over 160,000 digital teaching resources covering all core curriculum areas. Available through the beep portal. District wide Annual Software licenses. (Traditional Public Schools) Renewal Period: 07/01/2019 - 06/30/2020	1
Technical Education	Technical Education	SHI	General Funds / Grant		$ -		$ 126,592	$ 126,592	Adobe Creative Cloud Software annual license fee for all High Schools, including Technical HS. This program allows students to utilize digital creative software such as Dreamweaver Wed Design, Illustrator vector graphics, In Design page design and layout, Premier Pro video editing and production, Photoshop Image creation and editing, and many more. This software give the students the necessary vehicle for learning these tools to become successful with Industry Certification Exams. The cost is paid from each school's CAPE Bonus dollars placed into their general funds and a portion is paid from the Carl D. Perkins Grant. Renewal Period: 07/01/2019 - 06/30/2020	1
Technical Education	Technical Education	CASAS	Work Force Development Funds - ATC		$ 120,015		$ 120,015	$ -	CASAS eTests - Adult Education standardized assessments approved by the State Board of Education for use by local Adult English for Speakers of Other Languages (ESOL) programs. This line item is for continued unrestricted use of CASAS eTests, TOPSpro Enterprise Agency License, plus 80,000 online test administrations. Renewal based on estimated usage of test administration inventory. Renewal Period: 07/01/2019 - 06/30/2020	1
Academics	Innovative Learning	ProQuest	State Categorical Funds - Instructional Materials		$ 101,855		$ 104,959	$ 3,104	ProQuest/SIRS Researcher - Online academic database with thousands of full-text articles and multi-media resources exploring social, economic, scientific, health, historic, business, political and global issues and includes teaching resources for integrating research skills and the Florida standards. District license for ProQuest SiRs Researcher all high schools. New District license for SIRS Discoverer for K-8 in 2014 to provide additional robust online content to support research and digital curriculum. State funding categorical to Library Media. Renewal Period: 08/01/2019- 07/31/2020	1
Academics	Innovative Learning	Encyclopedia Britannica	State Categorical Funds - Instructional Materials		$ 95,000		$ 98,100	$ 3,100	Britannica School Edition - Online Academic Database for elementary, middle, and high centers. Rigorous encyclopedia content with access to thousands of magazine and journal articles, images, videos, audio clips, websites, and maps. Universal access allows student and teacher access from any computer, laptop, phone or tablet device. Includes interactive and embedded lesson plans for teachers. (Traditional Public Schools) State funding categorical to Library Media. Renewal Period: 08/01/2019 - 07/31/2020	1
Technical Education	Technical Education	Desire2Learn	Work Force Development Funds - ATC		$ 107,100		$ 96,390	$ (10,710)	Desire2Learn - System providing online classes used by all District post-secondary, tech centers, adult centers, community schools, and the technical high schools. This line item is for 7,000 user licenses for D2L "Learning Environment" and "Cloud Services", technical support, and self-directed training. Renewal Period: 07/01/2019 - 06/30/2020	1
Technical Education	Technical Education	DRC/CTB	Work Force Development Funds - ATC		$ 92,400		$ 92,400	$ -	The Tests of Adult Basic Education (TABE) - The TABE are the Adult Education standardized assessments approved by the State Board of Education for use by local Adult Basic Education (ABE), GED® Preparation, and Applied Academics for Adult Education (AAAE) programs. This line item is for continued test administrations of "TABE PC Product", "TABE Online", and "TABE Adaptive". Renewal Period: 07/01/2019 - 06/30/2020	1
Technical Education	Technical Education	Acelo Solutions	Work Force Development Funds - ATC		$ 57,971		$ 48,250	$ (9,721)	This line item is for the cost incurred by the 8 Workforce schools to upgrade our systems to the new version. Include one-time set up/service fee (Tanerum Payment Gateway). Renewal Period: 07/01/2019 - 06/30/2020	1

EXHIBIT A - DETAIL REPORT

DEPARTMENT	BUSINESS OWNER	VENDOR	FUNDING SOURCE	FY2018-2019		FY2019-2020		VARIANCE Increase (Decrease)	ITEM DESCRIPTION	A R E A *
				I&T FUNDED	OTHER DEPT FUNDED	I&T FUNDED	OTHER DEPT FUNDED			
Academics	Innovative Learning	Cengage Learning	State Categorical Funds - Instructional Materials		$ 45,100		$ 47,305	$ 2,205	Gale Group - Online academic databases for middle, high, and centers. Gale online databases include access to Literature Resource Center, and Student Resources in Context databases that provide cross-searchable access to thousands of full texts that is updated daily with magazine and newspaper articles, eBooks, encyclopedias, videos, graphics, almanacs, web sites, reference books, and multimedia content aligned to Florida standards. Additional Gale databases provided through a state library consortium and integrated at no cost to the District include Academic One File, Computer Database, Gale Virtual Reference Library, Health and Wellness Resource Center, Inform, Kids Info Bits, General One File and Lit Finder. State funding categorical to Library Media. Renewal Period: 08/10/2019 - 08/09/2020	1
Technical Education	Technical Education	Essential Education	General Education Grant		$ 44,845		$ 34,810	$ (10,035)	GED* Academy - A web based program designed to help in preparing students to pass the GED* Tests. This program covers the content areas of Reasoning through Lang. Arts, Mathematical Reasoning., Science, & Social Studies along with 6 digital literacy lessons to help in ensuring adult students are prepared for comp.- based testing. GED* Academy offers 4 practice tests in each content area to help the instructors /students determine readiness for taking the official exams. Each test offers a score along with an instructional pathway back to remediating. With this package, customer support via live web-based training, prerecorded training videos, onsite support, a College/Career Readiness Roadmap for Adult Educators, GED* 2014 Curriculum Blueprint, & a Blended Learning Guide are also provided. It is used in all Workforce Education schools. Renewal Period: 07/01/2019- 06/30/2020	1
Academics	Innovative Learning	Tumbleweed Press Inc.	State Categorical Funds - Instructional Materials		$ 25,000		$ 25,000	$ -	TumbleBook Library - Online collection of eBooks and interactive literacy resources that support reading for grades PK -5. District license for 140 elementary schools. This year includes new content of 350 additional interactive ebooks. (Traditional Public Schools). State funding categorical to Library Media). Renewal Period: 08/01/2019 - 08/01/2020	1
Technical Education	Technical Education	Blackboard Inc.	Work Force Development Funds - ATC		$ 54,780		$ 24,500	$ (30,280)	Blackboard Collaborate - Web conferencing is used by departments to deliver training programs to staff. Integrated with Blackboard Learning Systems, this offers open access for 600 Moderators and unlimited attendees. Currently offers with the sale and renewal of this product include 50 GB of storage for standard recordings and pre-load storage / 50GB of storage for MP4 recording conversion / 10,000 annual MP4 views/downloads. Renewal Period: 07/01/2019 - 06/30/2020	1
Academics	Innovative Learning	SpringShare, LLC.	State Categorical Funds - Instructional Materials		$ 12,500		$ 12,875	$ 375	SpringShare LibGuides - A web publishing/digital curation platform for school libraries. Allows media specialists to easily curate, customize, share and publish digital resources to support classroom instruction, professional development and blended learning environments. State funding categorical to Library Media. Renewal Period: 08/01/2019 - 07/31/2020	1
Academics	Innovative Learning	TeachingBooks.net	State Categorical Funds - Instructional Materials		$ 7,230		$ 7,230	$ -	TeachingBooks.net - Online academic database to support literacy instruction and reading motivation. District license elementary, middle, high schools and centers. Provides access to thousands of online resources for literacy including instructional resources for children and young adult books and their authors (short movies, audio book readings, book discussion guides, curriculum lesson plans). Resources include author studies. Renewal Period: 09/01/2019 - 08/31/2020	1

EXHIBIT A - DETAIL REPORT

DEPARTMENT	BUSINESS OWNER	VENDOR	FUNDING SOURCE	FY2018-2019		FY2019-2020		VARIANCE Increase (Decrease)	ITEM DESCRIPTION	AREA*
				I&T FUNDED	OTHER DEPT FUNDED	I&T FUNDED	OTHER DEPT FUNDED			
Academics	Innovative Learning	Renaissance Learning, Inc.	General Funds - IT	$ 4,500		$ 4,500		$ -	Renaissance Place - A web-based integrated learning system used in the District. This is the maintenance (Data Integration Maintenance Fee level 5) for the tool that is required to manage the reading progress monitoring tools, Accelerated Reader and STAR Reading. This annual subscription renewal provides ASP hosting, daily student data updates through a TERMS interface. Schools must purchase the software licenses for their individual schools. Renewal Period: 08/01/2019 - 07/31/2020	1
Technical Education	Technical Education	SoftChalk, LLC	Work Force Development Funds - ATC		$ 4,500		$ 4,725	$ 225	SoftChalk - Lesson Builder - Software to assist teachers for all post-secondary, tech centers, adult centers, community schools and the technical high schools to create e- learning interactive web pages. This line item is for 50 pack Create 10 for licenses and Gold Support maintenance which include software upgrades, and Help Desk support. Renewal Period: 07/15/2019 - 07/14/2020	1
Technical Education	Technical Education	Respondus	Work Force Development Funds - ATC		$ 4,090		$ 4,380	$ 290	Respondus - eLearning support tool available to all District eLearning program users whose learning content, such as teacher created and published exams, is delivered through the web via Blackboard or Desire2Learn. Respondus Lock Down enables secure online test taking and assessments through a custom browser that locks down the testing environment during assessments, preventing students printing, copying, or accessing other URLs or applications from their computer while an assessment is in progress, as well as preventing the caching or storing in a browser's history list. This line item is for the eLearning support and security tool use. Renewal Period: 08/01/2019-07/31/2020	1
Technical Education	Technical Education	SHI	Work Force Development Funds - ATC		$ 1,644		$ 1,949	$ 305	TechSmith - Snag-it / CamStudio - Development tool enabling teachers in post- secondary, tech colleges, adult centers, community schools and the technical high schools, to make their own instructional (atomic learning-type) videos. This line item is for 50-99 user licenses, software maintenance, technical support, and telephone consultation. Renewal Period: 07/01/2019 - 06/30/2020	1
Academics	Innovative Learning	Houghton Mifflin Harcourt	General Funds - IL Gifted		$ 9,492		$ -	$ (9,492)	CogAT - District License to score and universally screen students. This software is required to score student's tests. **Item Cancelled for FY 19/20**	1
TOTAL (AREA 1)				$ 257,680	$ 1,125,666	$ 281,780	$ 1,191,624	$ 90,058	**FY19/20 = 1,473,404 (Curriculum & Instruction)**	
Information & Technology	Business Applications	SAP, Inc.	General Funds - IT	$ 1,229,548		$ 1,278,730		$ 49,182	Appendix 7 mySAP Business Suite - Maintenance Fee for SAP Software License. SAP Software to support payroll, HR, financial, work orders, etc. Renewal Period: 01/01/2020 - 12/31/2020	2
Information & Technology	Business Applications	Electronic Data, Inc \ IBM Maximo	General Funds - IT	$ -		$ 450,000		$ 450,000	Maximo - Annual maintenance licenses and support for the District Maximo work order system. Renewal Period: 01/18/2020 - 01/17/2021	2
BECON	BECON	StreamVu	SPRINT Funds - BECON		$ 323,348		$ 351,068	$ 27,720	Software Maintenance IPTV - Internet Protocol television (IPTV) is the delivery of television content using signals based on the logical Internet protocol (IP), rather than through traditional such as cable/satellite. Renewal Period: 08/01/2019-08/01/2020	2
Information & Technology	Technical Support Services	Disaster Recovery Services	General Funds - IT	$ 136,636		$ 243,760		$ 107,124	Disaster Recovery Services for COLO services with copy of our storage data at facility in Philadelphia. Renewal Period: 07/01/2019 - 06/30/2020	2
Information & Technology	Business Applications	Kronos, Inc.	General Funds - IT	$ 200,080		$ 217,445		$ 17,365	KRONOS Workforce Central – Maintenance and support for the District Time and Attendance System. (Used by Pupil Transportation, Physical Plant Operations, substitute teachers and cafeteria staff). Renewal Period: 07/01/2019-06/30/2020	2
Information & Technology	Computer Operations	Upland Software, Inc.	General Funds - IT	$ 194,510		$ 197,040		$ 2,530	Optiview Annual Maintenance Renewal Period: 07/01/2019 - 06/30/2020	2

DEPARTMENT	BUSINESS OWNER	VENDOR	FUNDING SOURCE	FY2018-2019		FY2019-2020		VARIANCE Increase (Decrease)	ITEM DESCRIPTION	AREA*
				I&T FUNDED	OTHER DEPT FUNDED	I&T FUNDED	OTHER DEPT FUNDED			
Food & Nutrition Services	Food & Nutrition Services	Heartland Payment Systems (dba - Heartland School Solutions)	FNS Operating Funds		$ 193,100		$ 193,100	$ -	Heartland School Solutions/MCS Software (Menus & Inventory Management) - Annual licensing fee & support: Menus, Recipes, Nutrient Analysis, Market Orders/Production Records. Reports required by DOA/USDA regulations. $65,796.50. MCS Software (FR App Processing Annual) - Annual licensing fee: Free & Reduced. Central Office. Reports required by DOA/USDA regulations. $654.67. MCS Software (MCS POS & Financial Annual) - Annual licensing fee: POS & Financial for Central Office. Reports required by DOA/USDA regulations. $823.48. MCS Software (Apply For Lunch) - Free & Reduced Online Application Processing for 129+ Sites $2,964.52. MCS Software (MCS Site POS & Financial) - Annual licensing fee & support. Cafeteria Management & Point of Sale. Reports required by DOA & USDA regulations. $122,860.48. Renewal Period: 07/01/2019-06/30/2020	2
Information & Technology	Business Applications	Open Text	General Funds - IT	$ 162,000		$ 169,170		$ 7,170	Open Text Archiving Maintenance for SAP Solutions - Maintenance and software support. IXOS software is used to support imaging of employee documents within SAP. Renewal Period: 01/01/2020-12/31/2020	2
Information & Technology	Security	SISCO	General Funds - IT	$ 154,075		$ 154,075		$ -	Security Tracking & Response (STAR) - Visitor management system is installed at all public school sites & major administrative sites. The system is used to document time & attendance for vendors, visitors, employees, & volunteers. This line item is for the annual Telephone, e-mail/remote Software Support (Gold). District has owned source code for 11 years. Renewal Period: 07/01/2019-06/30/2020	2
Information & Technology	Purchasing	Ariba, Inc.	General Funds - IT	$ -		$ 150,000		$ 150,000	SAP Ariba is a cloud procurement solution that fully integrated solutions to increase visibility into the end-to-end procurement process required by the increased volumes associated with Purchasing Policy 3320 and the Safety, Music & Art, Athletics, Renovations, and Technology initiative. Renewal Period: 10/23/2019 - 10/22/2020	2
Risk Management	Risk Management	Earth Networks, d/b/a WeatherBug	General Funds - RM		$ 125,200		$ 125,200	$ -	WeatherBug Weather Service - Delivers live weather service and weather alerts to the School District, utilizing Weather Alert Cell Phones that are located at all District Schools. The weather alerts are provided to only the affected School District sites by utilizing a GPS. The weather alerts are also provided for all outside athletic events including all field trips, even if those athletic events or field trips occur outside of Broward County. Renewal Period: 08/15/2019-08/14/2020	2
Information & Technology	Chief Information Office	Gartner, Inc.	General Funds - IT	$ 99,684		$ 99,684		$ -	Gartner - CIO's licenses for IT Executives, Technical & Professionals for (<4,000 Users). Gartner is the leading information technology research and advisory company. Renewal Period: 04/01/2019 - 03/31/2020	2
Business Support Center (BSC)	Business Support Center (BSC)	Acelo Solutions	General Funds - IT	$ 116,106		$ 97,752		$ (18,354)	Microsoft Great Plains - Annual software license, phone & technical support for School's Internal Accounts (Software for Bookkeepers in the Schools). This system has been used by the District for nearly 11 years and is extensively customized to meet the needs of the District. Every school and many departments utilize this system. This decrease in price is due to implementation of Estore's Online Project. Renewal Period: 08/17/2019 - 08/16/2020	2
Information & Technology	Charter Schools Department	Critical Elements, LLC	General Funds - IT	$ -		$ 75,000		$ 75,000	Charter Schools Management Software - Annual subscription for Charter Tools. Renewal Period: 07/01/2019 - 06/30/2020	2
Information & Technology	Technical Support Services	Microsoft Corporation	General Funds - IT	$ 66,440		$ 70,160		$ 3,720	Microsoft Support Services - Office 365 Support. Renewal Period: 08/30/2019 - 09/01/2020	2
Information & Technology	Technical Support Services	CDW-G	General Funds - IT	$ 100,000		$ 70,000		$ (30,000)	Microsoft SQL DB Licenses Renewal Period: 07/01/2019 - 06/30/2020	2
Information & Technology	Business Applications	SAP, Inc.	General Funds - IT	$ 60,002		$ 62,402		$ 2,400	Appendix 11 mySAP Learning Solutions, Adobe - Annual Maintenance for Licenses. Adobe software used with SAP to support interactive forms for personnel. Appendix 11 Learning Solutions. Renewal Period: 01/01/2020 - 12/31/2020	2

EXHIBIT A - DETAIL REPORT

DEPARTMENT	BUSINESS OWNER	VENDOR	FUNDING SOURCE	FY2018-2019 I&T FUNDED	FY2018-2019 OTHER DEPT FUNDED	FY2019-2020 I&T FUNDED	FY2019-2020 OTHER DEPT FUNDED	VARIANCE Increase (Decrease)	ITEM DESCRIPTION	AREA*
Transportation Services	Transportation Services	Edulog	General Funds - IT	$ 48,710		$ 50,221		$ 1,511	Edulog nt Transportation Systems - Annual transportation software support for unlimited users and maintenance. This includes software technical support for the assignment of students to buses, the routing of all buses, and the School Locator which is a web application to inform the general public and Pupil Placement of the boundaries school based upon an address. This line item is for the maintenance, including product upgrades and telephone support for technical issues. Renewal Period: 07/01/2019 - 06/30/2020	2
Information & Technology	Technical Support Services	CDW-G	General Funds - IT	$ 44,000		$ 50,000		$ 6,000	Microsoft Azure Services - Microsoft Cloud annual subscription for offsite active directory services. Renewal Period: 07/01/2019 - 06/30/2020	2
BECON	BECON	JDL Horizons, LLC	General Funds - IT	$ 49,297		$ 49,694		$ 397	JDL Horizon - Website Design and Development - Coverage for BECON TV, which encompasses: Distance Learning, On- line video to include but not limited to SBBC Meetings, workshops, announcements, BECON programing etc., Additionally, website will allow BECON staff to easily and efficiently provide content updates, additions and changes. Renewal Period: 07/01/2019 - 06/30/2020	2
Food & Nutrition Services	Food & Nutrition Services	Heartland Payment Systems (dba - Heartland School Solutions)	FNS Operating Funds / DOA Grant		$ -		$ 44,780	$ 44,780	MealViewer - Total MealViewer System for Publicity Menus. Renewal Period: 07/01/2019 - 06/30/2020	2
Information & Technology	Business Applications	EPI-Use America Inc.	General Funds - IT	$ 33,654		$ 33,992		$ 338	Data Sync Manager - Copying Production Data to quality assurance system for testing. Maintenance tool used with SAP to move data between systems and clients. (Personnel/payroll & SAP Financial). Renewal Period: 09/01/2019 - 08/31/2020	2
Information & Technology	Business Applications	SiteImprove	General Funds - IT	$ 40,000		$ 30,043		$ (9,957)	ADA Compliance software. Renewal Period: 03/08/2020 - 03/07/2021	2
Information & Technology	Technical Support Services	Mainline Information Systems	General Funds - IT	$ 42,431		$ 30,000		$ (12,431)	Administrative Managed Services to support data center infrastructure. Renewal Period: 07/01/2019 - 06/30/2020	2
Information & Technology	Technical Support Services	CDW-G	General Funds - IT	$ 8,733		$ 30,000		$ 21,267	Microsoft Power BI report analytics tool annual License. Renewal Period: 07/01/2019 - 06/30/2020	2
Information & Technology	Technology Planning & Policy	Upland Software	General Funds - IT	$ 27,975		$ 29,634		$ 1,659	Eclipse Project Portfolio Management - Project management software used to manage Information and Technology projects. Renewal Period: 11/01/2019- 10/31/2020	2
Technical Education	Technical Education	Upland Software, Inc.	Work Force Development Funds - ATC		$ 30,261		$ 28,820	$ (1,441)	Optiview Software Renewal Period: 07/01/2019 - 06/30/2020	2
BECON	BECON	Florical Systems	General Funds - IT	$ 19,500		$ 19,500		$ -	Florical Automation - Software maintenance for system control which runs the actual playout of BECON's video servers and this allows BECON to schedule programs and events for air. Renewal Period: 07/01/2019 - 06/30/2020	2
Facilities	Facilities	GovConnection, Inc. (DBA Connection)	General Funds - IT	$ 15,015		$ 19,250		$ 4,235	AutoCAD Software - This product is an industry standard used to design schools, produce site plans, F.I.S.H. drawings, etc. Maintaining updated versions is critical due to outside architectural vendors will provide design drawings to SBBC departments for review and updating. Annual software maintenance for 9 licenses. Renewal Period: 07/21/2019 - 07/20/2020	2
Facilities	Facilities	Upland Software, Inc.	General Funds - IT	$ 19,404		$ 18,480		$ (924)	Optiview Annual Maintenance. Renewal Period: 07/01/2019 - 06/30/2020	2
Information & Technology	Technical Support Services	CDW-G	General Funds - IT	$ 18,000		$ 18,000		$ -	COMMVAULT Software that automates the process for exporting media. Renewal Period: 09/01/2019 - 08/31/2020	2
Information & Technology	Business Applications	EMS Software	General Funds - IT	$ 13,258		$ 13,656		$ 398	EMS Enterprise - Helps organizations save time by streamlining their meeting and event scheduling. Reduce overhead by optimizing the utilization of their rooms and other resources. Improve communication by automating the web publishing of event information for staff and/or customers. Renewal Period: 01/01/2020 - 12/31/2020	2
Information & Technology	Business Applications	SAP, Inc.	General Funds - IT	$ 13,230		$ 13,230		$ -	Appendix 3 BSI Maintenance - Software used to calculate taxes for SAP payroll runs. Renewal Period: 01/01/2020-12/31/2020	2

DEPARTMENT	BUSINESS OWNER	VENDOR	FUNDING SOURCE	FY2018-2019		FY2019-2020		VARIANCE Increase (Decrease)	ITEM DESCRIPTION	AREA*
				I&T FUNDED	OTHER DEPT FUNDED	I&T FUNDED	OTHER DEPT FUNDED			
Technical Education	Technical Education	Wonderlic	Work Force Development Funds - ATC		$ -		$ 52,850	$ 52,850	WBST Web Administration - Web Administration - Software that include admissions technology quantity of 1 and WBST Web Admin. Pre-Pay Single with a quantity of 15,000. Renewal Period: 07/01/2019 - 06/30/2020	2
Information & Technology	Computer Operations	RICOH InfoPrint Solutions	General Funds - IT	$ 12,000		$ 12,000		$ -	Datacenter Printer utilization. Renewal Period: 07/01/2019 - 06/30/2020	2
Information & Technology	Chief Information Office	SHI	General Funds - IT	$ 10,000		$ 10,000		$ -	Miscellaneous - Licenses for unplanned items to support the District. Renewal Period: 07/01/2019 - 06/30/2020	2
Information & Technology	Business Applications	SAP, Inc.	General Funds - IT	$ 9,576		$ 9,576		$ -	Appendix 8 Additional BSI Records - Additional licensing for BSI to handle additional employee master records. Renewal Period: 01/01/2020 - 12/31/2020	2
Information & Technology	Technical Support Services	CDW-G	General Funds - IT	$ 428		$ 8,550		$ 8,122	Microsoft Skype conferencing with phone number capabilities annual licenses. Renewal Period: 08/08/2019 - 08/07/2020	2
Information & Technology	School Applications	Rocket Software Inc.	General Funds - IT	$ 8,300		$ 8,508		$ 208	Aldon Lifecycle Manager - Software makes automating and managing application changes easy. Renewal Period: 12/15/2019 - 12/14/2020	2
Purchasing	Purchasing	KOFAX, Inc.	General Funds - IT	$ 6,715		$ 7,050		$ 335	KOFAX Communication Server - Faxing software used by Procurement that integrates with SAP. Maintenance and 24x7 support are provided. This vendor is the sole provider of maintenance for technical support of this system. Renewal Period: 07/01/2019 - 06/30/2020	2
Portfolio Services	Portfolio Services	DLT Solutions	General Funds - IT	$ 6,651		$ 7,000		$ 349	Revit/BIM Maintenance - Used to design schools, produce site plans, fish drawings, and space planning in a 3D format with other components including MEP, architectural, structural (including clash detection), and Facility Management. Renewal Period: 01/01/2020 - 12/31/2020	2
Information & Technology	School Applications	SHI	General Funds - IT	$ 6,641		$ 6,790		$ 149	AG-Grid Application Developer - License that allow one Developer to work in multiple applications. Perpetual license with 1 year of support, maintenance and updates. Renewal Period: 07/01/2019 - 06/30/2020	2
Information & Technology	School Applications	Component Source	General Funds - IT	$ 5,148		$ 5,350		$ 202	DevExpress Dxperience ASP.NET - Developer Software Subscriptions. ASP.NET web page development tools for developing ASP.NET web pages. Renewal Period: 10/31/2019 - 10/31/2020	2
Information & Technology	School Applications	Vision Solutions	General Funds - IT	$ 4,830		$ 5,232		$ 402	MIMIX Share Maintenance - MIMIX Share captures, transforms, enhances, and replicate data between databases, operating systems and physical, virtual or cloud platforms. Renewal Period: 09/01/2019 - 08/31/2020	2
Food & Nutrition Services	Food & Nutrition Services	CDW-G	FNS Operating Funds		$ -		$ 3,666	$ 3,666	Microsoft SQL Server - Microsoft SQL DB Licenses Renewal Period: 07/01/2019 - 06/30/2020	2
Facilities	Facilities	Oracle	General Funds - IT	$ 3,511		$ 3,652		$ 141	Oracle Primavera Project Scheduling System - Software is used to track project schedules with status information which is posted to the Facilities project status web page for public viewing. This line item is for the annual software maintenance, product upgrades and telephone support for technical issues. Renewal Period: 08/01/2019 - 07/31/2020	2
Facilities	Facilities	Trimble Navigation Limited	General Funds - IT	$ 3,500		$ 3,500		$ -	Prolog Manager Project Management System - Used to track high level project and status information which is posted to the Facilities project status web page for public viewing. This line item is for the annual software maintenance, product upgrades and telephone support for technical issues. Renewal Period : 07/26/2019 - 07/25/2020	2
Information & Technology	Business Applications	Upland Software, Inc.	General Funds - IT	$ 3,465		$ 3,300		$ (165)	Optiview Annual Maintenance Renewal Period: 07/01/2019 - 06/30/2020	2
Facilities	Facilities	GovConnection, Inc. (DBA Connection)	General Funds - IT	$ 3,080		$ 3,095		$ 15	SQL Toolbelt Software - SQL Toolbelt contains the industry-standard products for SQL Server development, deployment, backup, and monitoring. Renewal Period: 10/27/2019 - 10/27/2020	2
Information & Technology	School Applications	CDW-G	General Funds - IT	$ -		$ 2,820		$ 2,820	Adobe - Adobe stock photos and customize graphics for all web apps. Renewal Period: 07/01/2019 - 06/30/2020	2
BECON	BECON	SHI	General Funds - IT	$ 2,496		$ 2,496		$ -	Software License - Adobe Creative Cloud Desktop Apps. Renewal Period: 09/10/2019 - 09/09/2020	2

EXHIBIT A - DETAIL REPORT

DEPARTMENT	BUSINESS OWNER	VENDOR	FUNDING SOURCE	FY2018-2019		FY2019-2020		VARIANCE Increase (Decrease)	ITEM DESCRIPTION	AREA*
				I&T FUNDED	OTHER DEPT FUNDED	I&T FUNDED	OTHER DEPT FUNDED			
Information & Technology	Security	Symantec	General Funds - IT	$ -		$ 2,480		$ 2,480	Website portal encryption. Renewal Period: 05/21/2020 - 05/20/2023	2
Information & Technology	Security	Symantec	General Funds - IT	$ -		$ 2,480		$ 2,480	Website portal qas.broward K-12 encryption. Renewal Period: 05/21/2020 - 05/20/2023	2
Information & Technology	Business Applications	Americas' SAP Users' Group	General Funds - IT	$ 1,825		$ 1,825		$ -	Americas' SAP Users' Group (ASUG) - Software Membership gives all BCPS staff access to "America SAP User Group". This membership is used to get information regarding SAP in terms of functionality, updates, upgrades, reporting, etc., both online and through attendance at conferences. Renewal Period: 01/01/2020 - 12/31/2020	2
Information & Technology	School Applications	SHI	General Funds - IT	$ 1,790		$ 1,790		$ -	JetBrains ReSharper Maintenance - Used by Developers to restructure code to have less bugs and easier to read. Renewal Period: 08/26/2019 - 08/25/2020	2
Information & Technology	Business Applications	FastSpring	General Funds - IT	$ -		$ 1,698		$ 1,698	Full editing control over SharePoint. Renewal Period: 07/31/2019 - 08/01/2020	2
Risk Management	Risk Management	Image One Corporation	General Funds - RM		$ 1,200		$ 1,100	$ (100)	Image One - Software for managing and responding to public records request. Renewal Period: 08/01/2019 - 07/31/2020	2
Information & Technology	Computer Operations	Harland Technologies	General Funds - IT	$ 1,000		$ 1,000		$ -	Software - Scantron is a software that design, print, and process data sheets. Two STX301 Software Assurance: 1: Scantools Plus App Dev / score. Renewal Period: 07/01/2019 - 06/30/2020	2
Information & Technology	School Applications	Github.com	General Funds - IT	$ 600		$ 600		$ -	Software used to store Java Script Codes. Renewal Period: 07/01/2019 - 06/30/2020	2
Information & Technology	School Applications	TechSmith Corporation	General Funds - IT	$ 112		$ 112		$ -	TechSmith Snag-it - Used by Developers to create screen shots to be used in training documentation. Renewal Period: 01/01/2019 - 06/30/2020	2
Information & Technology	School Applications	CodeSmith Tools	General Funds - IT	$ 99		$ 99		$ -	CodeSmith - Premier Software Support used by Developers to save time by auto generating code that would be very tedious and time consuming otherwise. One Developer license. Renewal Period: 07/01/2019 - 06/30/2020	2
Food & Nutrition Services	Food & Nutrition Services	SHI	FNS Operating Funds		$ -		$ 76	$ 76	Acronis True Image - Acronis Software ESD, WIN, MAC, Android and iOS. Renewal Period: 07/01/2019 - 06/30/2020	2
Information & Technology	Classroom Technology / Desktop Support Services	SHI	General Funds - IT	$ 181		$ 41		$ (140)	TechSmith Camtasia Maintenance - One (1) license Academic and one (1) license Maintenance Agreement Program used by I&T developers and training team to create instructional videos/podasts. **Item cancelled for FY19/20**	2
Information & Technology	Business Applications	Component Source	General Funds - IT	$ 2,272		$ -		$ (2,272)	DevExpress ASP.NET Subscription (with DevExtreme) - Developer Software web page development tools for developing ASP.NET web pages. **Item cancelled for FY19/20**	2
Information & Technology	Technical Support Services	Computer Associates (CA)	General Funds - IT	$ 130,500		$ -		$ (130,500)	Software License for optimizer on Compass work order system. **Item cancelled for FY19/20**	2
Information & Technology	Technical Support Services	CSI International/B.I. Moyle & Assoc	General Funds - IT	$ 4,217		$ -		$ (4,217)	Software support for COMPASS work order for data transfer. **Item cancelled for FY19/20**	2
Information & Technology	Technical Support Services	Dell Computer	General Funds - IT	$ 151,839		$ -		$ (151,839)	VMware Virtualization software licenses and support for all district servers. Renewal Period - 7/1/2019- 6/30/2020. **Item will be paid against BID#19-053E for FY19/20**	2
Technical Education	Technical Education	Focus School Software	Work Force Development Funds - ATC		$ 382,500		$ -	$ (382,500)	Focus School Software - Post secondary student information system for the 8 workforce schools/college including Adult education finance/point of sale. Annual maintenance and support and hosting of software / student data. Estimated number of post secondary students to be served 42,500 **Item will be paid against BID#14-027E for FY19-/20**	2
Information & Technology	Technical Support Services	IBM Corporation	General Funds - IT	$ 336,596		$ -		$ (336,596)	Software support for IBM operating systems that runs our COMPASS work order system. **Item cancelled for FY19/20**	2
Food & Nutrition Services	Food & Nutrition Services	MealViewer	FNS Operating Funds		$ 364,450		$ -	$ (364,450)	MealViewer - Total MealViewer System for Digital Menus **Item cancelled for FY19/20**	2
Food & Nutrition Services	Food & Nutrition Services	MealViewer	Florida DOA Grant		$ 57,564		$ -	$ (57,564)	MealViewer - Total MealViewer System for Publicity Menus **Item cancelled for FY19/20**	2

DEPARTMENT	BUSINESS OWNER	VENDOR	FUNDING SOURCE	FY2018-2019 I&T FUNDED	FY2018-2019 OTHER DEPT FUNDED	FY2019-2020 I&T FUNDED	FY2019-2020 OTHER DEPT FUNDED	VARIANCE Increase (Decrease)	ITEM DESCRIPTION	AREA*
Information & Technology	School Applications	Pluralsight, LLC	General Funds - IT	$ 2,246		$ -		$ (2,246)	Pluralsight - A web-based solution that offers tech and creative training for professional individuals. The platform offers a vast selection of video training courses for software developers, IT administrators, and creative professionals via its website. **Item cancelled for FY19/20**	2
Information & Technology	School Applications	Sencha	General Funds - IT	$ 6,950		$ -		$ (6,950)	Sencha Ext JS Premium - One Developer (named) License (includes full source code), includes Ext JS v6.x, App Templates, Sencha Cmd, IDE plugins for JetBrains, Visual Studio & Eclipse, Ext JS Pivot Grid, Sencha Inspector, Sencha Architect. **Item cancelled for FY19/20**	2
Information & Technology	Security	SHI	General Funds - IT	$ 1,655		$ -		$ (1,655)	eEye's Retina - Network Security Scanner Audit Tool and Software Maintenance Tool used to perform security audits in-house. Auditors suggested two tools to catch the majority of risks and maximize protection. **Item cancelled for FY19/20**	2
Information & Technology	Technical Support Services	Software Diversified Services (SDS)	General Funds - IT	$ 4,647		$ -		$ (4,647)	Annual software maintenance for backup and recovery for the Compass work order system. **Item cancelled for FY19/20**	2
Information & Technology	Security	SSO Vendor	General Funds - IT	$ 360,000		$ -		$ (360,000)	Single Sign On (SSO) Annual Licenses Subscription. **Item will be paid against BID#19-069E for FY 19/20**	2
Information & Technology	Technical Support Services	Syncsort Inc.	General Funds - IT	$ 14,382		$ -		$ (14,382)	Annual software maintenance for data sorting on the Compass work order system. **Item cancelled for FY19/20**	2
Information & Technology	Business Applications	Wellesly Information Services (WIS)	General Funds - IT	$ 1,895		$ -		$ (1,895)	SAP experts Software - SAP HR Online Knowledge and Financial Expert base. **Item cancelled for FY19/20**	2
TOTAL (AREA 2)				**$ 4,021,435**	**$ 1,477,623**	**$ 3,851,963**	**$ 800,659**	**$ (846,436)**	**TOTAL AREA 2 = 4,652,622 (Business Support S/W)**	
Information & Technology	Technical Support Services	Curvature, LLC	General Funds - IT	$ 38,921		$ 40,000		$ 1,079	Annual hardware maintenance for Dell Servers. Renewal Period: 09/01/2019 - 08/31/2020	3
Information & Technology	Computer Operations	RICOH InfoPrint Solutions	General Funds - IT	$ 38,230		$ 40,000		$ 1,770	Datacenter printers maintenance. Renewal Period: 07/01/2019 - 06/30/2020	3
BECON	BECON	Harmonic Inc.	General Funds - IT	$ 35,589		$ 29,911		$ (5,678)	Hardware maintenance for all EBS encoders, the newer Harmonic encoder for the broadcast channels; the Play out and Record video server systems used for all of the BECON EBS and broadcast channels to the schools. Renewal Period: 10/01/2019 - 09/30/2020	3
BECON	BECON	Oracle America, Inc.	General Funds - IT	$ 22,925		$ 23,842		$ 917	Hardware Maintenance - Manages BECON's large inventory of video content and BECON's LTO tape backup system. Renewal Period: 08/10/2019 - 08/09/2020	3
Information & Technology	Computer Operations	Peak-Ryzex, Inc.	General Funds - IT	$ 18,834		$ 20,717		$ 1,883	Hardware Maintenance - Maintenance for Distribution Services Equipment. This maintenance agreement is for the equipment that bursts, trims, folds and seals the reports and special forms that are printed in the I&T data center. Examples are employee W2's and report cards. Renewal Period: 07/01/2019 - 06/30/2020	3
BECON	BECON	Grass Valley (Belden Brand)	General Funds - IT	$ 14,034		$ 12,755		$ (1,279)	Hardware Maintenance - Provides the video signal flow products that run the station.1 year GVCareElite SA for Channel Branding and Master Control. 24 hour technical phone support, escalation process, response time commitments, advanced exchange of parts, and software support (updates and upgrades). Renewal Period: 07/01/2019 - 06/30/2020	3
Information & Technology	Computer Operations	Iron Mountain, Inc.	General Funds - IT	$ 12,000		$ 12,000		$ -	Hardware Maintenance - Offsite storage of backup tapes. Renewal Period: 07/01/2019 - 06/30/2020	3
Information & Technology	Computer Operations	Harland Technology Services	General Funds - IT	$ 4,990		$ 4,990		$ -	Hardware Maintenance - OpScan 21 Image Document Scanners. Maintenance for two 5000i high speed enterprise scanners that are used to process COGAT, report cards, and other documents. Cost for fiscal year is time and material. Renewal Period: 07/01/2019 - 06/30/2020	3
Information & Technology	Technical Support Services	Apple	General Funds - IT	$ 4,796		$ 4,796		$ -	Manufacturer Support for District iPads. Renewal Period: 09/20/2019 - 09/19/2020	3
Information & Technology	Technical Support Services	Helpsystems	General Funds - IT	$ 3,917		$ 4,050		$ 133	Annual maintenance for network monitoring tool. Renewal Period: 09/01/2019 - 08/31/2020	3
BECON	BECON	Spectra Guard	General Funds - IT	$ 3,197		$ 3,326		$ 129	Digital Tape Backup Library and 24 hours phone support uplift. Renewal Period: 11/11/2019 - 11/10/2020	3

EXHIBIT A - DETAIL REPORT

DEPARTMENT	BUSINESS OWNER	VENDOR	FUNDING SOURCE	FY2018-2019		FY2019-2020		VARIANCE Increase (Decrease)	ITEM DESCRIPTION	AREA*
				I&T FUNDED	OTHER DEPT FUNDED	I&T FUNDED	OTHER DEPT FUNDED			
BECON	BECON	Imagine Communications	General Funds - IT	$ 2,787		$ 2,787		$ -	Hardware Maintenance - One (1) Year Care Service Support for T&M, Routers, Multi viewers, Processing and Command, and Control. Renewal Period: 07/01/2019 - 06/30/2020	3
BECON	BECON	Imagine Communications	General Funds - IT	$ 1,600		$ 1,467		$ (133)	Hardware Maintenance - Hardware and software maintenance for video streaming encoders used to record and playback SBBC Board meetings and workshops. Renewal Period: 08/09/2019 - 08/08/2020	3
Information & Technology	Computer Operations	HOV Services	General Funds - IT	$ 7,560		$ -		$ (7,560)	Annual maintenance on two Kodak Microfilm Scanners. **Prepaid Item through 06/30/2021**	3
Information & Technology	Technical Support Services	Mainline Information Systems	General Funds - IT	$ 6,074		$ -		$ (6,074)	Annual hardware maintenance for IBM Blade Servers. **Item cancelled for FY19/20**	3
Information & Technology	Computer Operations	Power Distribution, Inc. (PDI)	General Funds - IT	$ -		$ -		$ -	Maintenance on 2 PID Units in the IT Data Center **Prepaid Item through 6/30/2022**	3
Information & Technology	Technical Support Services	Software Pursuits	General Funds - IT	$ 8,340		$ -		$ (8,340)	Annual maintenance for automated operator console manager that support the Compass work order system. **Item cancelled for FY19/20**	3
Information & Technology	Computer Operations	Sunguard Availability Services	General Funds - IT	$ 107,125		$ -		$ (107,125)	Disaster Recovery Services for COLO services with copy of our storage data at facility in Philadelphia. For FY19/20, this item placed under Technical Support Services	3
TOTAL (AREA 3)				$ 330,919	$ -	$ 200,642	$ -	$ (130,277)	**TOTAL AREA 3 = 200,642 (IT Equiptment Maintenance)**	
				$ 4,610,034	$ 2,603,289	$ 4,334,385	$ 1,992,283	$ (886,655)		
					$ 7,213,323			$ 6,326,668		

FUNDING SOURCE:

		AREA SUMMARY:	
IT General Funds	$ 4,334,385	Curriculum & Instruction	$ 1,473,404
Technical Ed - WFD Fund	$ 816,422	Business Support Software	$ 4,652,622
Technical Ed - Grant Funded	$ 161,402	IT Equipment Maintenance	$ 200,642
Academics State Categorical Fund	$ 295,469		$ 6,326,668
Food & Nutrition Funds	$ 241,622		
BECON - Sprint Funds	$ 351,068		
Risk Management General Funds	$ 126,300		
Total Funding	$ 6,326,668		