

# 2022 - 2024 IT Strategic Plan

**Agency:** 201 Department of Education (DOE)

**Date:** 1/30/2023

## Current IT State

**In this section, describe the high-level strategy the agency will use to manage existing operational IT investments over the next year to 5 years. This section should align with identified Business Requirements for Existing Technology (BReTs). At minimum, please address the following questions in your description of your agency's strategy for managing existing operational IT investments:**

**Are there existing IT investments that will require additional funding over the next year to 5 years, such as license renewals, re-competition of current IT contracts, or system enhancements required by the Agency Strategic Plan?**

**If there are systems that will no longer support the agency's business needs, either through poor performance or excessive cost, how does IT leadership in the agency plan to address the issues?**

**If the agency does not have the staff or funding to meet increasing demand for IT services, how will IT leadership fulfill the requests?**

1. LASER (Instructional Support) - work in progress with a vendor (Qlarion) to build out a suite of reporting tools to assist school divisions with data driven decision making to better support their students. The environment is largely supported by a combination of AWS (implementation held up by VITA currently) and leverages Tableau
2. MYLO (Teacher Licensure) - a SaaS product that the agency is using to receive applications for teacher licenses and endorsements as well as process payments. Current scope of work is migrating from on-prem at CESC to the Rackspace cloud as a SaaS solution with Systems Automation. Quick follows covered by this current project will add in online payment options and shift to the egov version of the platform.
3. OCI Cloud Migration - Work in progress to move the agency's primary data environment from on-prem solutions at CESC to the OCI cloud. Current implementation is encountering significant hurdles due to firewall and proxy rules
4. Multi-Cloud Communications - VDOE will be operating within and between multiple environments. We need a solution that will enable traffic and data routing between these environments
5. Early Childhood Licensure System - an application build in partnership with VDSS to create a new licensing system for the early childhood education facilities. This application will be created in the Salesforce Lightning cloud and will need to connect to multiple systems both within VDOE and also with systems at other agencies
6. State-wide Student Assessment - a HUGE (\$550+M) procurement for specialized services and associated technical systems to create, support, and administer the statewide assessments for students as required by legislation.

Overall, the agency has funds allocated to cover the associated costs for all of these projects. However, some of these will likely need additional fundings (which the agency has) added to the project lifecycles but those adjustments are unknown at this time.

## Factors Impacting the Current IT

In this section, the agency will describe the changes in their business environment that will require or mandate changes to the agency's current IT investments. These are requirements and mandates from external sources, such as other agencies or business partners, the agency's customer base, product and service providers, or new federal or state legislation or regulations. The agency must identify the business value of the change, any important deadlines that must be met, and the consequences if the deadlines are not met. In your discussion, be sure to note whether the proposed enhancements are funded or not. If the agency's existing current IT investments will not need enhancement due to requirements or mandates from external sources in the foreseeable future, the agency should enter the following text rather than leave the Factors Impacting the Current IT section blank

For each mandated change, summarize your agency's response from your Agency Strategic Plan, and is it the opinion of agency IT leadership that the IT portion of the response is adequately funded?

Do the mandated changes affect IT in other Commonwealth agencies, or in other states? If so, how?

1. EO19 is requiring a move to cloud services
2. The Early Childhood Education Licensing system is a co-build with VDSS
3. Other procurements leverage vendors (LASER uses Qlarion; MYLO uses Systems Automation)
4. Some items, such as the State-wide Assessment RFP and the Early Childhood Education Licensing System are required by legislation

## Proposed IT Solutions

In this section, describe the high-level strategy the agency will use to initiate new IT investments over the next year to 5 years in support of the agency strategic objectives documented in your Agency Strategic Plan. The agency does not need to consider specific technologies at this time, however, the strategy should identify how the IT implementation will provide business value to the organization. This section should align with identified Business Requirements for New Technology (BRnTs). At minimum, please address the following questions in your description of your agency's strategy for initiating new IT investments:

What are the most important solutions, based on the priority assigned to the requirements by the business sponsors in your agency, and what is the approach to achieving these priority solutions?

If any new IT initiatives will be started in the upcoming budget biennium, is it the opinion of agency IT leadership that it is adequately funded?

Does the agency's current IT staff have the appropriate skill set needed to support future agency technologies? If not, what skill sets need to be acquired?

If the agency will be engaged in multiple new IT initiatives, how will agency IT staff and agency subject matter experts be used across the initiatives?

1. Secure Collaboration Space - potentially BOX, though preferred to be Google Drive, the VDOE needs a tool with which they are able to collaborate with their key partners and stakeholders (school divisions) on important policy decisions and a way to share communications easily. The tool would not be used for sensitive information (PII) but would be used as a space to collaborate on unofficial and working-towards-official documents
2. Secure Surveying Tool - The Virginia Department of Education will procure a robust survey platform for agency use. For several years, VDOE has met its survey and ad hoc data request needs with basic survey software. However, the number and type of agency data collection requirements have increased exponentially, as have the number of agency users. Going forward, the agency requires the use of secure survey software which can centrally manage multiple users, dynamically support multiple types of data collection and survey requirements, and provide embedded analytic and reporting capacity.
3. Telephone/VoIP tools - The telephone system currently used by the Virginia Department of Education (VDOE) is a hybrid of analog and digital phones. The ISDN system currently used by the agency is no longer supported by VITA. The VDOE intends to upgrade its telephone system to a modern voice communications system that is both cost effective and meets the need of needs of the agency. VDOE will issue an RFS with VITA to explore options available

and cost of a solution for the agency.

4. Teacher Licensure - The current work that is underway around teacher licensure is bringing it up to date to support a minimum level of user functionalities, but further enhancements, likely unsupported by the current vendor, are needed. The VDOE will explore the option of using other services in the years to come for a solution which better supports end users as well as VDOE staff

5. Virginia Work-Based Learning Network - The goal of this project is to meet Virginia's workforce needs of tomorrow by providing equity of access to Work-Based Learning opportunities through the development and implementation of the Virginia Work-Based Learning Network (VWBLN). The purpose is to expand opportunities for secondary students to experience Work-Based Learning not only in their locality but also throughout their region and the Commonwealth. The initiative will establish a virtual connector between students and real world business opportunity. The partnership will provide Work-Based Learning experiences in Virginia's high-skill, high-wage, and in-demand workforce career sectors. Currently we are working with two state contractors including Brighive and Qlarion to complete a scope of work.

6. CONNECTING THE VIRGINIA WIZARD TO STUDENT INFORMATION SYSTEMS IN VIRGINIA - Clever offers the opportunity for single sign on as well as real-time course data using the student information system each school division chooses to use. This would eliminate our need to use Pearson to obtain student records and make it easier on districts, who currently have to coordinate multiple times a year with their own student information systems, Pearson, and the Wizard in order to see their student's career exploration artifacts. With a single integration, Clever connects you to every Student Information System (SIS) and every Identity Provider (IdP) used by schools.

7. VDOE website redesign - the VDOE is in discussions with VITA and with vendors to understand our options around a redesign of the website.

8. CTE Certification Appropriation - Department of Education, Central Office Operations, Item 137E. 1. Out of the appropriations in this item, \$1,300,000 the first year and \$1,300,000 the second year from the general fund is provided to support students and teachers pursuing information technology industry certifications. The funding shall be used to provide outreach, training, instructional resources, industry recognized certification opportunities for t

# IT Strategic Plan Budget Tables

Agency:	201 Department of Education (DOE)			
Date:	1/30/2023			
<b>Current IT Services</b>				
	<b>Costs Year 1</b>		<b>Costs Year 2</b>	
<b>Category</b>	<b>GF</b>	<b>NGF</b>	<b>GF</b>	<b>NGF</b>
<b>Projected Service Fees</b>	\$1,536,209.00	\$559,480.00	\$1,582,295.00	\$576,264.00
<b>VITA Infrastructure Changes</b>				
<b>Estimated VITA Infrastructure</b>	\$1,536,209.00	\$559,480.00	\$1,582,295.00	\$576,264.00
<b>Specialized Infrastructure</b>				
<b>Agency IT Staff</b>	\$3,034,161.00	\$528,272.00	\$3,034,161.00	\$528,272.00
<b>Non-agency IT Staff</b>	\$103,108.00		\$103,108.00	
<b>Cloud Computing Service</b>	\$2,049,091.00	\$1,679,586.00	\$2,049,091.00	\$2,015,586.00
<b>Other Application Costs</b>				
<b>Total:</b>	\$6,722,569.00	\$2,767,338.00	\$6,768,655.00	\$3,120,122.00
<b>Proposed IT Investments</b>				
	<b>Costs Year 1</b>		<b>Costs Year 2</b>	
<b>Category</b>	<b>GF</b>	<b>NGF</b>	<b>GF</b>	<b>NGF</b>
<b>Major IT Projects:</b>	\$1,550,000.00		\$71,000.00	
<b>Non-Major IT Projects:</b>	\$300,000.00		\$71,000.00	
<b>Agency-Level IT Projects:</b>				
<b>Major Stand Alone IT Procurements:</b>	\$4,555,000.00		\$2,100,000.00	
<b>Non-Major Stand Alone IT Procurements:</b>		\$340,806.00		\$310,000.00
<b>Agency-Level Stand Alone IT Procurements:</b>				
<b>Procurement Adjustment for Staffing:</b>				
<b>Total:</b>	\$6,405,000.00	\$340,806.00	\$2,242,000.00	\$310,000.00
<b>Projected Total IT Budget</b>				
	<b>Costs Year 1</b>		<b>Costs Year 2</b>	
<b>Category</b>	<b>GF</b>	<b>NGF</b>	<b>GF</b>	<b>NGF</b>
<b>Current IT Services:</b>	\$6,722,569.00	\$2,767,338.00	\$6,768,655.00	\$3,120,122.00
<b>Proposed IT Investments:</b>	\$6,405,000.00	\$340,806.00	\$2,242,000.00	\$310,000.00
<b>Total:</b>	\$13,127,569.00	\$3,108,144.00	\$9,010,655.00	\$3,430,122.00

# Business Requirements For Technology

<b>Agency:</b>	201 Department of Education
<b>Date:</b>	1/30/2023
<b>BReT - 2019-2024 Electronic Transcript Program</b>	
<b>BRT Type:</b>	Business Requirement for Existing Technology
<b>Date Submitted:</b>	3/19/2021
<b>Mandate:</b>	
<b>Mission Critical:</b>	
<b>Description:</b>	
DOE provides e-transcript students to all Virginia public schools. This allows students to submit college and other post-secondary applications electronically. The DOE is in a current contract to provide these services to Virginia schools.	
<b>BReT - Open Educational Resources (OER) Repository</b>	
<b>BRT Type:</b>	Business Requirement for Existing Technology
<b>Date Submitted:</b>	3/19/2021
<b>Mandate:</b>	
<b>Mission Critical:</b>	
<b>Description:</b>	
An OER repository platform is a vendor-sponsored data store that will host and organize curated instructional courseware for teachers to access and to contribute additional resources and courseware. The OER courseware can be the primary or supplemental instructional materials for the classroom, and may replace traditional textbooks in some cases. The only technology required by users (students, teachers and other instructional professionals) to use or contribute courseware is an internet connection for a PC or mobile device.	
<b>BReT - Virtual Virginia Procurement</b>	
<b>BRT Type:</b>	Business Requirement for Existing Technology
<b>Date Submitted:</b>	3/19/2021
<b>Mandate:</b>	
<b>Mission Critical:</b>	
<b>Description:</b>	

The purpose of this procurement is to establish a contract through competitive negotiation for the purchase of online course delivery and operational support services for Virtual Virginia services by the Department of Education. An RFP is being developed. The selection was made in 2016 and Charlotte County is the fiscal agent for the subcontractors. DOE funds this thru FY2020. An RFP has been issued to renew the service.

**BReT -DOE Public facing Website**

<b>BRT Type:</b>	Business Requirement for Existing Technology
<b>Date Submitted:</b>	3/19/2021
<b>Mandate:</b>	
<b>Mission Critical:</b>	
<b>Description:</b>	
DOE will compete a redesign of the public facing website with the goal to include CMS and better interaction with the public	

**BReT Mondernize the Teacher Education and Licensur**

<b>BRT Type:</b>	Business Requirement for Existing Technology
<b>Date Submitted:</b>	3/19/2021
<b>Mandate:</b>	
<b>Mission Critical:</b>	
<b>Description:</b>	
Currently, the three main functional areas within the Teacher Education and Licensure (TEAL) System – Licensing Instructional Personnel, Educator Preparation Programs and Reporting, and Professional Development – are primarily manual processes.	
An online, self-service portal for licensing instructional personnel is needed. To support the additional modernization of TEAL, the VDOE needs to develop an Educator Preparation Program (EPP) reporting and review system that will automate the electronic sharing of information and data required for state and federal reporting, and a Professional Development (PD) system that will establish a new repository to document and share professional development requirements and opportunities throughout the state.	

**BReT Virginia Statewide Student Assessment**

<b>BRT Type:</b>	Business Requirement for Existing Technology
<b>Date Submitted:</b>	4/13/2021
<b>Mandate:</b>	
<b>Mission Critical:</b>	Yes
<b>Description:</b>	

VDOE currently has a contract with NCS Pearson, Inc. for the VA Statewide Student Assessment Program which will expire in 2023. We must have a new contract in place 1 year prior to transition from the incumbent to a new contractor. We anticipate the new contract will be high-risk (cost in excess of \$10 million over the initial term of the contract).

The scope of work for the procurement will include all test development activities and deliverables for the Standards of Learning (SOL) assessment program and all test administration, scoring, and reporting activities and deliverables for the SOL assessment program and the Virginia Alternate Assessment Program (VAAP). Secure intellectual property owned by VDOE will be hosted and developed as part of the scope of the procurement, and personally identifiable student information will be received from school divisions, stored, and reported as part of the scope of the procurement. The existing contract also includes services related to the issuance and management of State Testing Identifiers (STI), student enrollment history, School Interoperability Framework (SIF) agents for school divisions, and longitudinal data reporting. It will be discussed internally within the agency as to whether this procurement will include these latter services.

### BRnT - SESS Monitoring Tool

<b>BRT Type:</b>	Business Requirement for New Technology
<b>Date Submitted:</b>	3/19/2021
<b>Mandate:</b>	
<b>Mission Critical:</b>	
<b>Description:</b>	
The VDOE is seeking sealed proposals from qualified sources to provide a proven comprehensive and fully developed hosted web-based monitoring tool to support the Office of Special Education and Student Services (SESS). Any VDOE customizations should be completed and fully operational by September 1, 2021.	

### BRnT Instructional Improvement System - 2020

<b>BRT Type:</b>	Business Requirement for New Technology
<b>Date Submitted:</b>	3/19/2021
<b>Mandate:</b>	
<b>Mission Critical:</b>	
<b>Description:</b>	
DOE plans in-house software development using a vendor on Virginia's state-wide contract. The system will provide the DOE and school divisions with data analytics in the areas of accreditation and early warning system on school and student performance	

### BRnT Subsidy Attendance Application - Project

<b>BRT Type:</b>	Business Requirement for New Technology
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<b>Date Submitted:</b>	4/12/2022
<b>Mandate:</b>	Yes
<b>Mission Critical:</b>	Yes

**Description:**

Looking to procure the services of an experience vendor to build an application in our Salesforce environment which will allow for providers of early childhood education services who partake in the subsidy program to take attendance of those children.

### BRnT-Comprehensive Web-based Education Recruiting

<b>BRT Type:</b>	Business Requirement for New Technology
<b>Date Submitted:</b>	3/19/2021
<b>Mandate:</b>	
<b>Mission Critical:</b>	

**Description:**

Hosting, management, and maintenance of a proven 24-hour, seven-days-a-week web-based job posting and job application service for creating awareness in the education profession and recruitment of highly qualified candidates to serve in Virginia public school divisions.

### DOE Survey Software PROCUREMENT

<b>BRT Type:</b>	Business Requirement for New Technology
<b>Date Submitted:</b>	5/26/2021
<b>Mandate:</b>	
<b>Mission Critical:</b>	

**Description:**

DOE needs to procure a survey capable platform for interagency and external users.

### Early Childhood Grant Submission System

<b>BRT Type:</b>	Business Requirement for New Technology
<b>Date Submitted:</b>	6/30/2021
<b>Mandate:</b>	
<b>Mission Critical:</b>	Yes

**Description:**

DOE has a business need for early childhood providers to submit grant application data to DOE securely and safely in a timely manner. The application must handle approximately 9,000 submissions. This will be a SaaS product powered by Salesforce.

<b>ECE Licensing IDM - BRT</b>	
<b>BRT Type:</b>	Business Requirement for New Technology
<b>Date Submitted:</b>	12/5/2022
<b>Mandate:</b>	Yes
<b>Mission Critical:</b>	Yes
<b>Description:</b>	
Transitioning of the Tyler Tech contract for their licensing platform from DSS to DOE and completing a series of upgrades and data migrations. Effort is necessary for a continuity of operations.	
<b>OCI Licenses</b>	
<b>BRT Type:</b>	Business Requirement for Existing Technology
<b>Date Submitted:</b>	5/3/2022
<b>Mandate:</b>	
<b>Mission Critical:</b>	Yes
<b>Description:</b>	
OCI licensing renewal	
<b>Teacher Licensure System - Thentia</b>	
<b>BRT Type:</b>	Business Requirement for New Technology
<b>Date Submitted:</b>	11/29/2021
<b>Mandate:</b>	
<b>Mission Critical:</b>	Yes
<b>Description:</b>	
New SaaS solution to provide a hosted-product and services associated to the development and deployment of a Teacher Licensure product	
<b>Telephone System Upgrade - 2022</b>	
<b>BRT Type:</b>	Business Requirement for Existing Technology
<b>Date Submitted:</b>	5/26/2021
<b>Mandate:</b>	
<b>Mission Critical:</b>	Yes

**Description:**

Telephone upgrade:

The telephone system currently used by the Virginia Department of Education (VDOE) is a hybrid of analog and digital phones. The ISDN system currently used by the agency is no longer supported by VITA. The VDOE intends to upgrade its telephone system to a modern voice communications system that is both cost effective and meets the need of needs of the agency.

VDOE will issue an RFS through VITA to explore options available and cost out a replacement phone system.

**Virginia Work Based Learning Network**

<b>BRT Type:</b>	Business Requirement for New Technology
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<b>Date Submitted:</b>	8/25/2021
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<b>Mandate:</b>	
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<b>Mission Critical:</b>	Yes
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**Description:**

The goal of this project is to meet Virginia's workforce needs of tomorrow by providing equity of access to Work-Based Learning opportunities through the development and implementation of the Virginia Work-Based Learning Network (VWBLN). The purpose is to expand opportunities for secondary students to experience Work-Based Learning not only in their locality but also throughout their region and the Commonwealth. The initiative will establish a virtual connector between students and real world business opportunities. The partnership will provide Work-Based Learning experiences in Virginia's high-skill, high-wage, and in-demand workforce career sectors.

# IT Strategic Plan Projects

<b>Agency:</b>	201 Department of Education (DOE)		
<b>Date:</b>	1/30/2023		
<b>EO19_DOE_Aggregate_Refactor</b>			
Category 3		Investment Business Case Approval	
DOE Aggregate Refactor			
Project Start Date	6/1/2021	Project End Date	12/1/2021
<b>Estimated Costs:</b>	<b>Total</b>	<b>General Fund</b>	<b>Non-General Fund</b>
Project Cost	\$280,600.00		
Estimated first year of biennium:	\$0.00	\$0.00	\$0.00
Estimated second year of biennium:	\$0.00	\$0.00	\$0.00

## Project Related Procurements

There are no procurements for this project

<b>Instructional Improvement System Project</b>	
Category 2	Project Initiation Approval
<p>DOE plans software development using a vendor on Virginia's state-wide contract. The system will provide the DOE and school divisions with data analytics in the areas of accreditation and early warning system on school and student performance. The software end product will be hosted by VITA Amazon Web Services and will utilize Tableau to display graphical data. Off-the-shelf software is not out available in the marketplace- the VA accreditation system is unique and specific to the state and there wouldn't be a commercial product for it. Beyond that, the analytical flags and predictors would be things that we want full creative control over what those are and the ability to change those on an as needed basis.</p>	

Project Start Date	11/11/2020	Project End Date	
<b>Estimated Costs:</b>	<b>Total</b>	<b>General Fund</b>	<b>Non-General Fund</b>
Project Cost	\$3,801,400.00	\$5,915,164.00	
Estimated first year of biennium:	\$1,489,564.00	\$1,489,564.00	\$0.00
Estimated second year of biennium:	\$5,501,200.00	\$2,750,600.00	\$2,750,600.00

### Project Related Procurements

There are no procurements for this project

Teacher Licensure Project - Thentia	
Category 4	Project Initiation Approval

The Office of Licensure and School Leadership has utilized the services of System Automation for a number of years for the teacher licensing software system, MyLicense Office (MLO), in Virginia. During this time, they have deployed several versions and we have migrated to their hosted cloud service. Under an existing contract, they are also developing the system to include a secure online portal for individuals to manage their own license with an integrated payment system.

Teachers are licensed by the Commonwealth of Virginia to teach in schools and currently the process to get that licensure (in various forms) is outdated, complicated, non-digital, and confusing. We hope to streamline this process to make the lives of teachers and administrators easier.

New SaaS solution to provide a hosted-product and services associated to the development and deployment of a Teacher Licensure product.

Thentia is paid by active license, not by user, and school divisions can have access and permissions to manage individual's licenses who are employed with their division. Their system also allows us to verify the legal questions every time a user logs in and does not require a separate upload of a signed document for verification. Thentia also has a highly customizable dashboard for staff end users and licensed users to keep communications in one place and trackable.

In addition, as our office takes on more responsibilities and adapts to a more online business environment, our system needs to evolve to be more efficient. For renewal purposes, license holders have to accrue activity points in professional development areas. Rather than manually tracking on paper, we need to be able to allow license holders to track this online and have their divisions access it as well. Also, our office manages an advisory board, which is legislated by the General Assembly and operates under the guidance of the Virginia Board of Education. We currently do not have a system of organizing this advisory board electronically, or one that allows for individuals outside of our agency to access information related to the board that is not publicly posted. Thentia offers an integrated platform in their system to not only handle the licensing process, but also manage information for this advisory board. Lastly, and similarly to the advisory board, Thentia offers an integrated compliance platform that would allow for our Director of Professional Practices to organize investigations and manage actions against licenses.

DOE intends to use Thentia as their SaaS solution. DOE has ECOS approval for Thentia.

DOE will purchase Thentia on the GSA Schedule No: 47QSWA18D008F.

Project Start Date	1/10/2022	Project End Date	6/30/2022
<b>Estimated Costs:</b>	<b>Total</b>	<b>General Fund</b>	<b>Non-General Fund</b>
Project Cost	\$3,031,424.04	\$623,727.00	\$1,266,354.60

Estimated first year of biennium:	\$0.00	\$0.00	\$0.00
Estimated second year of biennium:	\$0.00	\$0.00	\$0.00

## Project Related Procurements

There are no procurements for this project

### Subsidy Attendance Application - Project

#### Investment Business Case Approval

Agency effort to build and deploy an application in our Salesforce environment which will allow for providers of early childhood education services who partake in the subsidy program to take attendance of those children.

All of our 2000+ childhood education providers participating in the subsidy program will use this application. It will improve the funding timeliness and accuracy of our subsidy-based funding for early childhood education.

The current systems and methodologies are being retired and responsibilities are being transitioned from DSS to VDOE.

DOE will use Salesforce through VITA.

DOE will use GS-35F-0617Y to acquire developmental services.

Project Start Date	10/1/2022	Project End Date	5/1/2023
<b>Estimated Costs:</b>	<b>Total</b>	<b>General Fund</b>	<b>Non-General Fund</b>
Project Cost	\$7,000,000.00		\$7,000,000.00
Estimated first year of biennium:	\$0.00	\$0.00	\$0.00
Estimated second year of biennium:	\$0.00	\$0.00	\$0.00

## Project Related Procurements

There are no procurements for this project

# IT Strategic Plan Procurements

<b>Agency:</b>	201 Department of Education (DOE)
<b>Date:</b>	1/30/2023
<b>Stand Alone Procurements:</b>	
Procurement Name:	2019-2024 Electronic Transcript Service
Procurement Date	4/30/2019
Procurement Description:	The VDOE began offering an optional etranscript service at no-charge to Virginia school divisions in 2009. A subsequent contract was awarded in 2014 to Parchment, LLC, which expires on April 30, 2019. There are approximately 81 of the 132 school divisions currently using the service provided by Parchment. Currently, students create their own account and submit requests for transcripts to be sent to an institution of higher education and the high school counselor receives the request and, if approved, sends the transcript and associated documents electronically to the institution.
Procurement Name:	21st CCLC Data Collection System
Procurement Date	6/15/2019
Procurement Description:	The VDOE seeks a hosted web-based system for state agency administration of federal, state, and local 21st Century Community Learning Centers (CCLC) programs. The system will monitor the periodic evaluations of local programs and disseminate the results to the public.

Procurement Name:	Algebra Readiness Diagnostic Test - Procurement
Procurement Date	3/1/2018
Procurement Description:	Algebra Readiness Diagnostic Test - Procurement Through a Request for Proposals (RFP) process, develop contract prices for vendor services that will deliver licenses for an assessment tool that is aligned to the Virginia Mathematics Standards of Learning which is to be fully implemented in 2018. The contract request is for 8 years. The assessment will determine students' Algebra I readiness based on the recently modified Mathematics SOLs.
Procurement Name:	BReT Automotive Curriculum and Assessment Tool FY1
Procurement Date	3/1/2018

Procurement Description:	<p>Re-compete necessary to provide Curriculum and Assessment Tool for Automotive Students in CTE. Electude provides a web-based e-learning solution for use in Automotive Technology, Auto Body, and Diesel Equipment Technology programs. Electude provides tutorial-based training that is alignment with the National Automotive Technicians Education Foundation (NATEF) standards.</p> <p>In 2013, the contract was granted to Electude. The previous provider was CDX Automotive. Electude provided comprehensive standards-based resources at a savings of \$59,000 per year.</p> <p>What funding source will be used, or will only school divisions use the contract? Federal funds will be used and only school divisions will use the resources.</p> <p>What is the anticipated length of the contract, and the maximum potential dollar amount including all possible contract renewals? Anticipated length of the contract is 5 year, totaling \$160,000</p> <p>Could the potential solution involve development of a system, or customization of an existing system? No</p> <p>Could the potential solution include hosting of DOE-owned content? No</p> <p>Is there a possibility that sensitive information will need to be secured? No</p> <p>Who is (are) the main contact(s) for the procurement? Electude USA Harlan Wrenn 303 Wyman St. Suite 300 Waltham MA 02451-1208 434-292-7002</p>
Procurement Name:	Early Childhood Licensing - IDM Procurement
Procurement Date	9/30/2023

Procurement Description:	<p>Sole-source procurement to upgrade and continue services with Tyler Technologies IDM platform.</p> <p>DOLPHIN (Division of Licensing Programs Help and Information Network) is a legacy a child care and adult care licensing system owned and used by the Virginia Department of Social Services (VDSS) since 2003. The Virginia Department of Education (DOE) has an MOU with VDSS to use the childcare licensing component of the platform, as legislation moved the oversight of such services to DOE last July. That legacy system does not meet current business needs.</p> <p>This PGR will extend support for DOLPHIN.</p>
Procurement Name:	EVAAS - Procurement
Procurement Date	6/30/2025
Procurement Description:	<p>The VDOE is seeking an analytics and reporting solution to determine the extent of Virginia's K-12 student learning loss (also known as "unfinished learning") throughout the COVID-19 pandemic. Furthermore, the VDOE has committed to providing teachers and parents with individualized student reports to determine the extent of learning loss, which can be used to develop individualized learning plans (ILPs) and to target specific supports needed to assist students. Lastly, the VDOE wants to provide predictive outcome trajectories using a value-add statistical model to further support school improvement. This type of analysis is beneficial in measuring outcomes in Virginia's K-12 schools.</p> <p>This is a high-priority project for the VDOE as identified and prepared by the Sec of Ed and the governor.</p>
Procurement Name:	Instructional Support - PS Customization - Procure
Procurement Date	11/30/2022

<p>Procurement Description:</p>	<p>Professional services through Powerschool for enhancements and customizations to their product in support of our LASER - Insturctional Support System - project.</p> <p>Learning Analytics to Support Education and Reporting (LASER).</p> <p>Creating Additional Functionality to support new/enhanced requirements for EWS          Creating Two Way Communication Option for EWS          Developing Onboarding Plan for Continued Rollouts          Prioritizing New Functionality/Technical Enhancement/Innovation          Enhancing Online/Contextual Help          Enhancing Basic Accreditation Reporting</p> <p>This product allows us to add the necessary descriptors for functionality of the PowerSchool SIS API (already purchased) into the LASER ODS. This contract will also provide the eSchool Plus API to interface with the PowerSchool eSchoolPlus SIS to onboard three Virginia school districts that use this unique student information system.</p> <p>This will impact 63 school divisions that use these PowerSchool Products statewide.</p> <p>Powerschool has their own cloud, but there is no Commonwealth data there - it is a service procured by school divisions and we have a data sharing agreement and MOU with them to be allowed to access the data on their behalf but they retain ownership.</p>
<p>Procurement Name:</p>	<p>Microsoft IT Academy Practice Tests - 2022 - 2023</p>
<p>Procurement Date</p>	<p>10/31/2022</p>

Procurement Description:	<p>The purpose of this procurement is to purchase licenses for the Microsoft IT Academy practice tests for an additional year. The cost of the 2022-2023 extension is \$1.3M for a total one year.</p> <p>This procurement will support students achieving industry certifications. Specifically, it will enable students to practice before taking the actual certification tests.</p> <p>Reason: The Microsoft IT Academy program fully prepares students to obtain internationally recognized IT industry credentials.</p>
Procurement Name:	OCI Licenses - Procurement
Procurement Date	4/30/2023
Procurement Description:	<p>BYOL licensing for VDOE OCI instance.</p> <p>The Department of Education submitted a PGR to buy Oracle licenses, and send to Unisys to support Oracle Cloud Infrastructure (OCI) services.</p>
Procurement Name:	SESS Monitoring Tool
Procurement Date	6/1/2021
Procurement Description:	New monitoring tool to comply with current needs of agency.
Procurement Name:	Tableau License Renewal - Procurement
Procurement Date	10/31/2022
Procurement Description:	Tableau is an existing solution used extensively by our data analysts and our entire data visualization/analysis/BI reporting platforms utilize Tableau.

Procurement Name:	Virginia Statewide Student Assessment Program
Procurement Date	3/31/2022
Procurement Description:	<p>Description: The Virginia Department of Education is initiating a high-risk solicitation for a new contract that will replace an existing contract (expiring in June 2023) for the maintenance and implementation of the Virginia Assessment Program. Following a May 5, 2021, discussion with Mr. Nelson Moe regarding the high-risk procurement, VDOE staff were asked to provide information about 1) the impact of the Virginia Assessment Program on students and educators in the Commonwealth, 2) an explanation of the magnitude of the associated costs, 3) a rationale for the need for stability in the contract, and 4) the market availability for vendors who might provide these services. Additionally, clarification of the proposed initial term of the contract and renewal options was requested. The procurement description and requested details follow:</p> <p>Requirements for the Virginia Assessment Program and Rationale for Associated Costs  The Virginia Assessment Program, in existence over two decades, includes the Virginia Standards of Learning (SOL) tests that are administered to thousands of public school students across the Commonwealth in grades 3-12 in reading, mathematics, science, history, and writing. In a single school year, approximately 2.7 million tests are completed by students with nearly 99% of those tests being completed online. All SOL tests are required by the Code of Virginia (§ 22.1-253.13:3, sections C and E) and the majority of the tests are necessary to meet federal assessment and accountability requirements under the federal Every Student Succeeds Act (ESSA).</p> <p>Based on the current costs associated with the Virginia Assessment Program, the VDOE estimates the Student Assessment Program contract to be about \$36.9 million annually. One exception to the annual cost is in year 1. Because of the complexity of the testing program, it will be necessary for year 1 of the new contract to be a transition year with the existing contractor (Pearson) managing the the test administration for the Virginia Assessment Program under the existing contract and the new contractor assuming the test development functions and preparing to manage the entire testing program in the following year. VDOE anticipates year 1 to cost an estimated \$14.7 million and the subsequent four years to be roughly \$36.9 million annually for a total of \$162 million across the initial 5 year contract. Approximately 75% of the funds used for the Statewide Assessment Program contract come from state funds, while roughly 25% come from Federal funds. The current budget for the Virginia Statewide Student Assessment Program is found in item 139 of HB1800.</p> <p>VDOE provides standardized testing in accordance with §22.1-253.13:3, sections C and E of the Code of Virginia The scope of the Virginia Assessment Program and, therefore, the requirements of the</p>

student assessment contract that is being procured are extensive in that they incorporate all aspects of test development, dual-mode (online and paper) test delivery to students, and the scoring and reporting of all state and federally required assessments. The implementation of these student assessment requirements must be supported by industry-standard technology services to store, host, and transmit data through the use of various platforms and applications. The data include student data provided by school divisions, student test results, and secure test content (intellectual property) and its associated metadata. The current student assessment contract includes cloud hosting and supporting infrastructure hosted in data centers housed in the continental U.S. The current student assessment contract also includes distributed denial of service attack detection, protection, and mitigation for all platforms, and security scanning tools (static code analysis, dynamic application analysis, and platform vulnerability scans) for all applications and platforms. A new student assessment contract with similar levels of technology is needed to support the development, administration, and scoring and reporting of the state and federally required student assessments in the Commonwealth.

#### Requested Contract Period and Need for Contract Stability

Through the high-risk solicitation, the Virginia Department of Education (VDOE) is seeking a new contract with an initial 5-year term with five 3-year renewals. As background, the current contract, which is ending in June 2023, was awarded by VDOE to NCS Pearson, Inc., in October 2005 for an initial 6-year term of approximately \$140 million with the option for four 3-year renewals totaling a potential 18-year contract. The length of the contract was intentional, at the recommendation of the agency procurement director, to allow for maximum stability in the Virginia Assessment Program and reduce the frequency of extensive costs and resources associated with transitioning to a new student assessment contract. The contract included various exit provisions such as the option for VDOE to cancel the contract with a 60 day notice to the contractor. The VDOE has successfully managed contractor performance and exercised the contract renewals and is interested in having a similar initial term with renewal options in the new student assessment contract.

#### Market Availability

Finally, the market for qualified Offerors who are able to meet the requirements of a request for proposals for a statewide student assessment contract is narrow. In 2005, five vendors submitted an intent to submit a proposal and only two of those vendors actually submitted a proposal for evaluation. The field is similarly narrow in the current market for large-scale student assessment providers. If you have questions or need additional information regarding VDOE's need for this high-risk procurement, please let us know.

Procurement  
Name:

Virtual Virginia-2019

Procurement Date	7/25/2019
Procurement Description:	The Virtual Virginia program is mandated by the Code of Virginia § 22.1-212-2 as a Statewide Electronic Classroom Program to be provided by the Virginia Department of Education (VDOE). The program requires students to have access to web-based instructional content and resources. In addition to providing the web-based instructional content and resources, other required service components include data management, communication, registration, systems administration, and technical support. The Virtual Virginia program includes the regular school year and summer classes for students located in various locations throughout the Commonwealth. Instruction and student support is provided by teachers and staff also located in various locations throughout the Commonwealth.
Procurement Name:	Web Based Educator 2021
Procurement Date	3/15/2021
Procurement Description:	Supports the teacher hiring and job application process. The purpose of this modification is to allow Virginia school divisions and state operated centers additional time to access the web-based Educator Recruiting Management Services system during the COV-19 health crisis. In addition, relay that we have put additional controls in place to ensure the dollar amount of the CIO approval is reviewed, and, if necessary, increased, prior to contract award.
Procurement Name:	Website Redesign
Procurement Date	11/23/2021

Procurement Description:	<p>The objective of the procurement described in this SOW is for the Granicus to provide the Department of Education with a Solution (“Solution”) or Services (“Services”) to redesign the DOE main citizen facing website within the Supplier’s sub-supplier’s govAccess CMS platform, and to provide O&amp;M services.</p> <p>The new website will be hosted by VITA EGOV services as we are working with SiteVision (an eGov Services vendor <a href="https://www.vita.virginia.gov/technology-services/catalog-services/egov-services/">https://www.vita.virginia.gov/technology-services/catalog-services/egov-services/</a>) who is subcontracting to Granicus to meet the needs of our agency (as opposed to their other subcontractors or assisting us themselves).</p>
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