

# REQUEST FOR INFORMATION

## NEWPORT NEWS PUBLIC SCHOOLS DOES NOT DISCRIMINATE AGAINST FAITH-BASED ORGANIZATIONS

Newport News Public Schools

**THIS IS NOT AN ORDER**

ISSUING OFFICE:  
NNPS PURCHASING DEPARTMENT  
12465 WARWICK BLVD  
NEWPORT NEWS, VA 23606

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TO § 2.2-4367 to 2.2-4377 CODE OF VIRGINIA  
[Ethics in Public Contracting]

(757) 591-4525 FAX # (757) 591-4634

<b>PLEASE FILL IN COMPANY NAME &amp; ADDRESS IN THE SPACE BELOW:</b>	DATE: February 25, 2020
	RFI ITEM # 011-0-2020LC
	Lisa Cumming, C.P.M., CPPO, VCO PROCUREMENT OFFICER:

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### DESCRIPTION

### LEARNING MANAGEMENT SYSTEM

**PLEASE EMAIL RESPONSES AND NON-BINDING ESTIMATES BY MARCH 10, 2020 TO:**

[LISA.CUMMING@NN.K12.VA.US](mailto:LISA.CUMMING@NN.K12.VA.US)

AUTHORIZED AGENT: \_\_\_\_\_  
SIGNATURE TYPE OR PRINT

\_\_\_\_\_  
TELEPHONE NUMBER FAX NUMBER

The intent of this Request for Information (RFI) is to obtain non-binding estimates for budgetary purposes and obtain information on a fully redundant Learning Management System (LMS), professional services, and maintenance for the life of the system.

Newport News Public Schools is seeking information on enterprise Learning Management Systems for approximately 28,000 K-12 students. The desired LMS would employ a user-friendly interface for a K-12 population with an emphasis on a learning environment that promotes engaging and personalized learning.

Specific Requirements:

**General:**

- ✓ Compliance management
- ✓ Customizable branding
- ✓ Customizable homepage/fields/widgets
- ✓ Simple licensing model and pricing structure

**Infrastructure:**

- ✓ Hosted by vendor/cloud-based
- ✓ Accessible on desktop/laptop computers and/or mobile application
- ✓ Responsive interface across mobile devices
- ✓ Accessible by Chrome, iOS, and Windows operating systems
- ✓ No storage limitations (i.e. course offerings, content, and user data)

**Rostering/SSO/User Related:**

- ✓ Supports user rostering via automated feed
  - Includes user creation/update/enroll/withdrawal commands
  - Supports back-up manual creation/update/enroll/withdrawal
- ✓ Single Sign-on (SSO) capable (Clever Integration preferred)
- ✓ Supports multiple cascading user roles in system
- ✓ Custom role creation and modifiable role-based administration
- ✓ Online registration for classes w/ wait list function
- ✓ Supports personal dashboard customization by role

**Communication:**

- ✓ Supports integrated communication tools (i.e. chat, announcements feed)
- ✓ Global system notifications
- ✓ Messages and feedback feature for written, audio, or video

**Content Authoring:**

- ✓ Rich Content Editor:
  - Built-in HTML Editor w/ Bootstrap 4 CSS Framework
  - IMS LTI and SCORM Compliant
  - Supports multimedia, tables, video-based and media interactives
  - Supports HTML5 and various eLearning authoring tools
  - Supports course templates w/ design specifications

**Content Management:**

- ✓ Provide course Import/Export Functionality
- ✓ Supports, but not limited to, the following import package standards:
  - IMS Content Packaging 1.2
  - IMS Common Cartridge 1.1, 1.2, 1.3
  - IMS Thin Common Cartridge 1.3
  - QTI 1.2, QTI 2.1 (Partial)
- ✓ Provide course delivery/copy and course management platform:
  - Supports copy/import of materials within and between courses
  - Supports Master Copy course creation by template/year/semester.
  - Supports course active status and availability modification
  - Supports in course topic/module grouping w/ date restrictions
  - Supports adaptive release conditioning on course components
  - Supports mass item Edit and Delete (including items restoration)
  - Supports functionality to hide/show content in courses

**Assessments/Grading:**

- ✓ Intuitive framework for quiz/test creation and management
  - Supports a variety of question types, including technology enhanced items (i.e. maps, math formulas, learning objects)
  - Supports Question Library/LOR item bank
- ✓ Integrated course gradebook:
  - Allows multiple grading schemes (Pass-Fail, A-E, percentage, numeric rating, Text Description, Rubrics, Standards Mastery)
  - Auto-graded assessments for auto-export to course gradebook
- ✓ Instructor/students can generate reporting for grades/transcripts

**Course Awards:**

- ✓ Supports creation and management of badges/awards
- ✓ Set release conditioning options on awards for delivery
- ✓ Supports certification templates management for delivery

**Integrations:**

- ✓ SIS/API Integration for rostering and/or grades pass back
- ✓ Legacy System Integration
- ✓ Google Apps Integration
- ✓ Lockdown Browser Integration
- ✓ Video Assignment Tool w/ Virtual Meeting Integration
- ✓ Extensive SaaS and other third-party partnership

**Reporting/Analytics:**

- ✓ Robust analytics and reports generation:
  - Detailed usage metrics on user activity and content completion
  - Detailed assessment metrics on quiz/test items
  - Functions to create and schedule custom reports
- ✓ Integrated end-user survey/polling functionality

**Student Portfolio:**

- ✓ Supports portfolios that move across all enrolled courses
- ✓ Editable objects and sharing permissions
- ✓ Available to students after graduation
- ✓ Career and skills tracking
- ✓ Upload of certifications obtained in/outside of district
- ✓ Demonstrates improvement or mastery in areas

**Learning Object Repository (LOR):**

- ✓ Supports ingesting of multiple file types including SCORM, IMS LTI and Common Cartridge packages.
- ✓ Allows linking to federated or metadata repositories
- ✓ Searchable integrated LOR by standard or objective
- ✓ Option to import multimedia curriculum by standards/learning objectives

**Support:**

- ✓ Provide live and digital technical support 24/7
- ✓ Provide help documentation at various role levels
- ✓ Provide product development exchange and community

Request responses by **March 10, 2020** and willing to view/host demonstrations in March-April 2020 timeframe.