



1850 Airport Hwy, Toledo Ohio 43609- P:419-219-9758 - F: 419-930-8511

Request for Proposals Instructional Design and Curriculum Development

PROJECT DESCRIPTION

K-8th grade science, technology & engineering curriculum development for Ohio STEAM school.

Proposals Due: January 5th, 2023, 3 PM Eastern Standard Time

Decisions Announced: January 9th, 2023

Project Period: January 9th, 2022 – May 31, 2024

Funding: Explorers Academy of Science & Technology Federal Grant Support

Budget: Up to \$850,000

For more information, contact: Keith Birkhold @ keith.birkhold@explorersacademyst.com

ORGANIZATION OVERVIEW

Explorers Academy of Science & Technology (EAST) is an Ohio STEAM community school which opened in 2021, with K-6th grades, and is adding one grade level per year, with a current enrollment of 180 students from the Toledo, Ohio community. The school replicates culture and academic elements of the Denver School of Science & Technology, a Nationally recognized high performing model serving middle and high school students. EAST is the first school developed by The Stellar Learning Consortium, a collaboration by international leaders to create high performance schools globally, with EAST being the demonstration school.

EAST:

- Served an educationally disadvantaged community, with 92% of students qualifying for free or reduced lunch.
- Instills core values in our staff and students to create a culture where all thrive both in and outside of school.
- Teaches all subjects required by the Ohio Department of Education plus engineering fundamentals down to kindergarten.
- Leads the use of technology in instruction, utilizing the Sakai LMS in combination with touch-screen Chromebooks to prepare students with the skills they will need in high education and the modern workforce.
- Partners with community industry and education institutions from the Toledo community, to give hands on learning and work opportunities.

RFP SERVICES DESIRED

An important component of EAST's work is the delivery of hands-on, engaging learning content and opportunities to our students. EAST is currently working with the University of Toledo and Purdue University in Mathematics and is embarking on a Language and Literacy program with the Ohio Department of Education. As a STEAM focused school, the development and implementation of Science, Technology, and Engineering programming is core to our mission, and fostering both competency and

interesting in these fields at young ages is paramount to building a school and community talent pool in these areas. Few schools excel in these areas in lower grades, and our partner school, DSST, only serves middle and high school students. EAST seeks to develop young students who think like scientist and engineers. This proposal seeks a vendor who can provide subject matter expertise in instructional design and curriculum development for K-8th grades in these three subject areas that can be organized within EAST's Sakai LMS.

TIME PERIOD

Time period for services is January 9th, 2023 - May 31, 2024. Vendor(s) may be retained for a multi-year period of service for maintenance of the K-8 curriculum and expanded high school curriculum, based upon successful performance during the period of initial service (contract year ending May 31, 2023) and on-going availability of funds.

FUNDING & BUDGET INFORMATION

Funding: Explorers Academy of Science & Technology – Federal Grant Sources available September, 2022.

Budget Allocation: Up to \$850,000

SCOPE OF WORK & DELIVERABLES

Selected vendor will provide the following services:

- Provide instructional design and curriculum development for EAST in the specific areas of Science, Technology and Engineering for K-8th grades.
- Format lessons using EAST approved templates that can be uploaded and supported by the Sakai LMS.
- Provide key support and training for successful staff adoption during the current school year.
- Propose ongoing curriculum maintenance and staff training for future year above and beyond initial contract parameters.

INFORMATION REQUESTED

Proposals must be submitted to the EAST Superintendent Keith Birkhold, via email at keith.birkhold@explorersacademyst.com by January 5th, 2023 at 3 PM EST. You will receive notification upon your successful submission. Incomplete proposals will not be considered. EAST will notify all applicants by **Monday, January 9th, 2023.**

Proposals must contain the following information:

- Contact Information
- Hourly Rate
- Resume
- Capability Statement
- Examples of Previous Work (limit to 5 pages)

REVIEW CRITERIA Selection Domain	Application Selection Criteria	Points
Capability Statement	<ul style="list-style-type: none"> • Demonstrates ability to deliver technical skills and/or subject matter expertise (500-word limit) 	15
Qualifications and Experience	<ul style="list-style-type: none"> • Experience developing content in subject areas and in a digitally deliverable format (Please attach examples). • Experience working with K-12 schools. 	35
Proposed Build-Out Plan	<ul style="list-style-type: none"> • Quality of proposed plan with both virtual modeling and hands-on activities embedded. • Alignment with school and ODOE learning objectives. • Integration with other instructional areas. 	35
Budget and Budget Narrative	<ul style="list-style-type: none"> • Budget and budget narrative are reasonable, within budget specifications, and consistent with market pricing for the work. 	15
Total		100