

BALTIMORE COUNTY PUBLIC SCHOOLS
 Departments of Fiscal Services and Facilities Management
 General Contract Recommendation Form

Board Meeting Date:	2/19/2019
Contract Number and Title:	KSH-315-19 3D Printers and Associated Supplies

This is a new competitively bid contract for the purchase of 3D printers and associated items selected by the Offices of Blended Learning, Career and Technology Education and Fine Arts, Innovation and Digital Safety, and Science PreK–12 for schools and offices. Approval is requested for a five (5) year contract with one (1) recommended bidder and contract spending authority of \$400,000.

Procurement Type:	Invitation for bids
Procurement Authority:	Educ. §5-112
Number of Vendors Requesting Solicitation:	10
Number of Bids Received:	1

Term: 5 years	Extension: N/A End Date: 2/28/2024
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Contract Spending Authority:	\$400,000
Funding Source:	Operating budget

Description:

- This contract will provide for the purchase of 3D printers and associated supplies selected by the Offices of Blended Learning, Career and Technology Education and Fine Arts, Innovation and Digital Safety, and Science PreK–12 for purchase by schools and offices on an as-needed basis.
- This contract will provide printers, filament, and other components. 3D printers are an integral part of our Career and Technology Education curriculum and are a core component of Engineering Design standards in our Technology Education courses offered in all our middle and high schools as well as in programs such as Project Lead the Way. Instructionally, students encounter a problem to solve and then use sketching, 3D modeling, testing, and 3D printing to build a product, often to a consumer’s specific needs. In elementary school, 3D printers have been used as part of the science curriculum and Maker Learning experiences.
- 3D printers are currently included as part of the Technology Education Specifications for new construction of 21st century learning environments at all levels.
- This contract will replace contract KSH-305-17, which expired on October 31, 2018. The catalog was removed from eSchoolMall on the expiration date.
- The average annual expenditures on contract KSH-305-17 were \$78,804 and total contract expenditures are \$197,010.

Method of Award Recommendation:

This award recommendation was based on the lowest responsive responsible bidder.

Blueprint 2.0:

This contract supports *Blueprint 2.0*: Goal 1, Academics, Strategic Initiatives A, B, and C.

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Recommended Award To:

J29, Inc.	Millersville, MD
Responsible School/Office:	Department of Academics
Contact:	Megan P. Shay, Interim Executive Director