Contract Overview	
Contract Type	New Sole Source Contract
Contract Title	Specialized Computer Hardware and Related Support Services
Method of Procurement	Sole Source The system is offered directly by the manufacturer (XeedQ GmbH) through its wholly owned, U.S. based subsidiary, Xeed Inc. There are no authorized U.S. distributors, resellers, or third-party integrators for this product line, meaning no competition exists at the supply level for this specific solution.
Contract	4400015262
Vendor Name	XeedQ, Inc.

Contract Summary	
Description of Services	Acquisition of 4-qubit quantum computing instructional system (XeedQ XQ1e), hardware delivery, installation, commissioning, integrated software package, and two years of prepaid service and support.
Contract Start Date	Date of Award
Contract End Date	January 31, 2029, or 24 months from the date of successful acceptance testing, whichever is later.
Initial Term of Contract	2 years
Contract Renewals	Two (2) one year
Total Contract Value	$684,000 (Computer hardware and 2 years of prepaid support)
Annual Value	$67,000 (Optional support fee in year 3)
Funding Source	School Operating
Pricing Structure	Firm Fixed Price
Contract Terms	FCPS standard contract terms apply. Delivery, installation and acceptance testing requirements added. Negotiated 20% of the contract value is withheld until successful acceptance testing on site.

Strategic Alignment	
Sponsor	Gautam Sethi, chief information technology officer Megan Vroman, chief of schools

Strategic Plan Pillars	☐ Pillar A - Differentiated and Culturally Responsive Learning Environments ☐ Pillar B - Vibrant Home, School and Community Partnerships ☐ Pillar C - Diverse, Adaptive and Supported Workforce ☑ Pillar D - Culture of Equity, Excellence and Accountability
Department	Information Technology/Chief of Schools
Description of Need	Fairfax County Public Schools (FCPS) requires a 4-qubit, gate-based quantum computing instructional system (XeedQ XQ1e) to be delivered, installed, and commissioned at Skyview High School. Skyview High School is planned as the regional K-12 anchor for quantum education.
Background Information	XeedQ is the only manufacturer that meets all instructional, operational, safety, supply chain, and service requirements. ● Instructional & Safety Compliance: Operates safely in a classroom environment without cryogenics or structural modifications. ● Turnkey Educational Package: It is the only system delivered as a complete instructional package (classroom multi-user software, Qiskit support, laboratory exercises, and digital twin simulation). Building these elements internally is beyond FCPS's capacity. ● Local Service Presence: XeedQ is establishing its U.S. headquarters in Fairfax County, approximately 15 minutes from Skyview High School, ensuring timely on-site hardware service, repair, and recalibration. ● Future-Proofing: XeedQ offers a binding on-site upgrade path to 8 qubits within two years of commissioning, preventing obsolescence. ● Proven Reliability & Validation: The technology has demonstrated continuous ambient operation without recalibration across six accepted European deployments and is validated by independent, user-authored peer-reviewed publications. FCPS is purchasing the system outright to maintain full control over scheduling, student access, curriculum use, and third-party visitation rather than relying on leased cloud access. Two years of service and support ($135,000) are prepaid in the initial contract, with fixed pricing defined as optional starting in Year 3 to prevent future price escalation.

Compliance and Reviews			
Cybersecurity Review	☐ Yes	☐ No	☑ Not applicable
IT Review	☐ Yes	☐ No	☑ Not applicable
Legal Review	☑ Yes	☐ No	☐ Not applicable
Risk Management Review	☐ Yes	☐ No	☐ Not applicable