BULLITT COUNTY PUBLIC SCHOOLS

JESSE BACON, SUPERINTENDENT
ADRIENNE USHER, DEPUTY SUPERINTENDENT
BRANDY HOWARD, CHIEF ACADEMIC OFFICER
TROY WOOD, CHIEF OPERATIONS OFFICER

TO: Dr. Jesse Bacon, Superintendent

FROM: Sarah Smith, Director of School Safety and Mental Health

DATE: March 12, 2026

SUBJECT: Request for Proposal: Weapons Detection Systems for High Schools

Formal Request to Purchase

Following a thorough Request for Proposal (RFP) process that garnered six agency submissions, the Safe Schools Department formally requests permission from the Bullitt County Board of Education to purchase the **Xonar weapons-detection system** from **Noble Technologies**. No other quote met every specification listed in the RFP, making this vendor the highest-scoring vendor for the requirements. The proposal is attached.

These systems will be installed in each of our high schools and on the campus on High School Drive (ATC, BAC, and ROC). BCHS, BEHS, and NBHS will have two access locations: one for drop-off/car riders and one for bus drop-off. BAC/ROC/ATC will have one point-of-entry system that all three programs will share. Therefore, we will purchase 13 walk-through scanners and 7 baggage scanners, along with support and warranty fees.

This decision aligns with the district's commitment to comprehensive safety efforts and represents the most effective partnership for increasing another layer of security for Bullitt County Public Schools.

The estimated price for this system is $1,277,850.00, plus additional requirements and licensing, for a total of $1,375,788.71. We are seeking approval to move forward with this collaboration and deployment.

cc: Troy Wood, Chief Operations Officer

NOBLE|IQ KDA

BULLITT COUNTY PUBLIC SCHOOLS

March 6, 2026 | 4:00pm EST

Proposal for the Bullitt County Public Schools Walk-Through Screening and X-Ray Baggage Scanning for School Security

Submitted via email to:

Bullitt County Public Schools
Sarah Smith, Director of Safe and Drug Free Schools
Sarah.smith@bullitt.kyschools.us

Submitted by:

KD Analytical, d/b/a NOBLE IQ
5751 Briar Hill Road, Building 28
Lexington, KY 40516

POC: Edward M. Levy, Director of Critical Infrastructure
Phone: 203.564.6561 | E-mail: elevy@noble.com

CAGE CODE 4CXM3 | UEID HFPKF1FE2F28 | TAX ID# 20-4796637

Proposal in Response to Bullitt County Public Schools Request for Proposal (RFP)

Walk-Through Screening and X-Ray Baggage Scanning Equipment

Submitted to:

Sarah Smith
Director of Safe and Drug Free Schools
Sarah.Smith@bullitt.kyschools.us

Submitted by:

KD Analytical, d/b/a NOBLE IQ
5751 Briar Hill Road, Building 28
Lexington, KY 40516

CAGE CODE: 4CXM3 | UEID HFPKF1FE2F28 | Tax ID: 20-4796637

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1. Cover Letter

Dear Director Smith,

On behalf of Noble IQ, we are pleased to submit our proposal in response to the Bullitt County Public Schools for Walk-Through Screening and X-Ray Baggage Scanning Equipment to achieve safety and security expectations. We are proud to partner with Xonar Technology to deliver advanced security screening systems that offer superior threat detection capabilities and operational flexibility, with a strong emphasis on student safety, privacy, and system mobility. Xonar Technologies advanced screening and detection systems enhance detection capabilities of legacy technology of walk-through metal-only detectors and technology-limited x-ray machines. This includes the use of AI-enhanced detection to improve operational awareness, detection, assessment, forensic, and optional data retention capabilities relative to traditional screening methods.

Project, instrument life cycle and training support will be managed at the KD Analytical (KDA) Service Center at Bluegrass Station, KY strengthening a significant community relationship.

We appreciate your consideration and look forward to supporting this critical initiative. Please find our full proposal enclosed.

Sincerely,

EDWARD M. LEVY
Director of Critical Infrastructure

2. About Noble IQ and KD Analytical

Noble Supply & Logistics (Noble), a small business under NAICS codes for 500 or fewer employees, is a leading supplier of C5ISR; CBRN, EOD, HazMat, and Fire; Expeditionary; Maintenance and Repair; Tactical/Medical; and Aerospace products and technologies. As a distributor for more than 25,000 manufacturers, Noble manages a global inventory of over 1.5 million items stocked in warehouses and distribution centers across the U.S., CENTCOM, Africa, Europe, and Asia.

KD Analytical (KDA), doing business as Noble IQ, is a wholly owned subsidiary of Noble that delivers full life-cycle solutions; from procurement through industry-leading Original Equipment Manufacturers (OEMs) to logistics, deployment, secure storage, and sustainment support. A recognized leader in threat detection and protection, Noble IQ employs top-tier experts with practical field experience. Many of the nation's most risk-averse customers rely on our capabilities to mitigate safety and security threats; expertise that will directly benefit the Bullitt County School District.

Noble IQ offers a comprehensive range of service, training, and operational support capabilities tailored to meet the needs of complex security missions across government and commercial sectors. Coupled with Noble's robust global supply chain and logistics infrastructure, Noble IQ enhances mission readiness through specialized technical support, custom training programs, and degreed subject matter experts.

Noble is an authorized provider of Xonar, a leader in advanced physical security technologies. Xonar equips security personnel with cutting-edge screening systems that leverage machine learning and artificial intelligence to minimize human error and maximize throughput and accuracy. Xonar approaches clients as long-term partners, upholding excellence, integrity, and transparent communication. Their customer-centric model emphasizes ethical practices, client feedback, and continuous improvement to deliver exceptional service and trusted solutions.

Together, Noble IQ and Xonar are bringing next-generation AI-enabled screening technology to the K-12 environment. This partnership combines Xonar's innovation in physical security with Noble IQ's longstanding experience supporting law enforcement, military, security, and critical infrastructure missions. Noble IQ has a proven history of sourcing and deploying a wide array of personnel and vehicle screening systems, along with providing the training, services, and operational expertise necessary for their effective use. Our team includes subject matter experts with direct hands-on experience employing screening technologies and a deep understanding of their operational, health, safety, and statutory considerations.

3. Proposal Requirements

3.1 Detailed Product Description and Compliance With Specifications

Noble IQ is proud to offer the Xonar product lines to meet the important requirements of the RFP. Xonar will provide school administrators, faculty, police, and security personnel with state-of-the-art screening technology that leverages machine learning and artificial intelligence to minimize human error and maximize throughput and accuracy. Note: the products cannot detect all potential risks and/or threats to people and property, however, the Xonar technology provides an advanced and highly reliable component enhancing an overall security system to help mitigate potential risks and threats to persons and property, but are not a guarantee of the detection, avoidance or elimination of any or all such risks or threats.

3.1.1 Walk-Through Screening

TruePort Product Description

TruePort leverages state-of-the-art multi-sensor screening technology, machine learning and artificial intelligence to discern weapons from everyday items, regardless of metallic content. **TruePort** detects concealed items, including ferrous metals, non-ferrous metals and non-metallic threats. The multi-sensor technology preserves individual privacy, and the dual built-in cameras allow for optional biometric authentication used for access control. **TruePort** is a mobile, durable and cost-effective weapons detection solution.

Credentials

Evaluated by event threat experts at NCS[4]

The National Center for Spectator Sports and Security at The University of Southern Mississippi evaluated Xonar **TruePort's** ability to detect concealed weapons. The evaluation matrix covered a wide area of functions, including weapon detection, speed of detection, placement detection, alerts, wireless interface, event reporting, outcome reporting, and user interface. The overall composite score of 2.93, out of a possible 3.00, showed that all capabilities of Xonar **TruePort** were successfully demonstrated.

Designated Awarded By the US Department of Homeland Security

Xonar **TruePort** has been awarded Designation as a Qualified Anti-Terrorism Technology by the US Department of Homeland Security.

3.1.1.1 Walk-Through Screening | Technical Specifications

Xonar TruePort ensures successful deployments in school environments with 100% compliance of meeting or exceeding the minimum specifications outlined.

Walk-Through Features	Minimum Specifications	TruePort Compliance
Primary Technology	Must use AI and Ultra-Wideband (UWB) radar as the primary method of detection.	YES
Concealment Detection	Must identify items hidden under clothing without requiring removal of personal items.	YES
Portability	Fully portable; tool-free setup and teardown for dynamic deployment.	YES
Remote Access	Must allow secure, real-time remote access for authorized personnel to monitor and manage the system from any location.	YES
Data Analytics	Must include a cloud-accessible or portal-based interface to view real-time event logs, operational insights, and analytics.	YES
Operational Flexibility	Suitable for use across varied school district settings, including temporary installations.	YES
Privacy Protections	Detection methods must not involve the imaging of anatomical detail to ensure privacy compliance.	YES
Threat Detection	Must detect ferrous, non-ferrous, and non-metallic concealed weapons, with potential for future vape detection.	YES
Minimum Throughput	Must screen >1000 individuals per hour without requiring individuals to stop, remove items, or empty pockets to handle high-traffic entry times.	YES
User Interface	Must include an intuitive dashboard for on-site monitoring and control.	YES

Software Updates	Must provide updates to software remotely via internet.	**YES**
Integration Capability	Must be able to function independently and integrate with existing safety infrastructure.	**YES**
Regulatory Compliance	Must comply with applicable local, state, and federal regulations including FCC safety and health standards.	**YES**
Training and Support	Vendor must have a service center within 150 miles of the school district and provide onsite training, ongoing technical support, and routine system maintenance.	**YES**
Warranty	Minimum one-year manufacturer's warranty with optional extended service agreements.	**YES**

TruePort Specifications

Environmental specifications

Operating temp/humidity
-12°C to 50°C / 10-90% RH

Storage temp/humidity
-20°C to 70°C / 10-95% RH

Additional features

- Facial Recognition
- Custom advertising panels
- Software and AI model updates
- Customer Portal & Analytics
- Digital Ticketing Integration
- Wifi-enabled

Health & Safety

- Certified to IEC/UL 61010-1 standards by Nemko for safety and reliability.
- FCC CFR Part 15

  This device complies with Part 15 of the FCC Rules.

  Operation is subject to the following two conditions:

  (1) this device may not cause harmful interference, and

  (2) this device must accept any interference received, including interference that may cause undesired operation.

3.1.2 X-Ray Scanning

TrueScan Product Description

TrueScan is a state-of-the-art X-ray system leveraging machine learning and artificial intelligence to identify prohibited items. The proprietary AI applies a bounding box around prohibited items, substantially accelerating the inspection process. The system can be trained to alert on venue specific items and features an innovative design with seven color dual-energy technology.

3.1.2.1 X-Ray Scanning | Technical Specifications

X-Ray Features	Specifications	TrueScan Compliance
Dimensions	Exterior Cabinet: Maximum 32 in. x 32 in. Tunnel Minimum: 500 mm x 300 mm (19.7 in x 11.8 in)	**YES**
Mobility	The system must be compact and lightweight enough for easy movement between locations.	**YES**
Tables	Folding roller entry table and exit table must be included (but not included in exterior dimensions above)	**YES**
AI Object Detection	AI engine must detect at least 20 distinct object categories with distinct object categories with user-selectable category display options with future vape detection potential	**YES**
AI Integration	AI must assist operators in real time in identifying threats or restricted items	**YES**
User Interface	Simple, intuitive interface with customization options	**YES**
Image Quality	Dual-energy imaging with color-coded material discrimination	**YES**
Safety Standards	Compliant with FDA and TSA radiation safety standards	**YES**
Training & Support	On-site training and minimum 12-month warranty/support included	**YES**
Price Point	Reasonable relative to other AI-enabled 5030 x-ray machines	**YES**

TrueScan Specifications

General Specifications

- Tunnel Size: 500 (W) × 300 (H) mm (19.7 (W) × 11.8 (H) in.)
- Belt Speed: 0.23m/s (45ft/min) Conveyor
- Load: 150 kg (330 lbs) (evenly distributed)
- Conveyor Height: 650mm (14.95 in.)
- Power Consumption: 0.5KW (Max)
- Noise: <55DB
- Machine Weight: 290 Kgs (640 lbs)

Working Environment

- Operating Temperature: 0°C- 40°C \ 32°F - 104°F
- Storage Temperature: -20°C- 60°C \ -4°F- 140°F
- Humidity: Up to 95% Non-Condensing
- Power Requirements: 110 VAC ± 10%, 50/60Hz,

X-ray Generator

- Voltage: 140KV
- Tube Current: 0.5 mA
- Cooling: Sealed Oil Bath with Forced Air
- Duty Cycle: 100% No Warm-Up Procedure Required
- Beam Direction: Upward
- Detector: L-Shaped Array
- Dual-energy: Yes

International Standard

- Wire Detect ability: 0.102mm AWG38 (Standard)
- Wire Penetration: 0.203mm AWG34 (Standard)
- Spatial Resolution: 1.0mm Horizontal 1.0mm Vertical
- Steel Penetration: 36mm steel (Standard) 38mm steel (Typical)

TrueScan Certificates and Safety Specifications

Compliance & Certifications

- CE Compliance:
    - The Electromagnetic Compatibility Directive 2014/30/EU
    - The Machinery Directive 2006/42/EC
    - LVD Directive 2014/35/EU

- RoHS: (EU) 2017/2102
- FCC Compliance Part 15 B, ANSI C63.4:2014
- Film Safety: Up to ISO 1600 (33 DIN)
- Radiation Safety Certificate
- ISO9001 Quality Management System

Health and Safety

- Complies with GB15208.2-2018 standard
- Typical Radiation leakage is less than 0.1 mR/hr(1.0 µSv/hr)
- Film Safety: Guarantee ISO 1600 (33 DIN)

Warranty

- 1 year warranty

3.2 Description of AI Capabilities and Object Detection Categories

3.2.1 TruePort Walk-Through Screening

Sees What Other Screening Methods Miss.

✓ Xonar **TruePort** uses multi-sensor fusion to find potential threats other screening methods may miss.

Empowers Your Personnel.

✓ Xonar **TruePort** empowers administrators and security personnel with state-of-the-art screening technology to minimize human error and maximize throughput and accuracy.

Faster Throughput, Fewer Nuisance Alarms.

✓ Xonar **TruePort** delivers a high level of accuracy to discern threats from everyday items, increasing the flow of entry and creating a better experience for students and school staff.

Cost-Effective and Mobile.

✓ Xonar **TruePort** delivers a cost-effective and mobile solution for advanced security screening. Wireless connectivity allows for real time event analytics and AI model and software updates.

Detection Capabilities.

✓ Xonar **TruePort** detects concealed threats, including ferrous and non-ferrous metals as well as, non-metallic threats.

DETECTION CAPABILITIES

Primary Detection	XONAR® TruePort™	High-Throughput System 1	High-Throughput System 2	High-Throughput System 3	Traditional WTMD*
Ferrous Metals	✓	✓	✓	✓	✓
Non-Ferrous Metals	✓	✗	✗	✗	✗
Non-Metallic Threats	✓	✗	✗	✗	✗
Liquids	✓	✗	✗	✗	✗
Biometric Entry	✓	✗	✗	✗	✗
Primary Sensors	Radar	Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic

*WTMD = Walk Through Metal Detector

3.2.2 TrueScan X-Ray Screening

TrueScan has a Small Footprint.

✓ 50x30 Al-enabled x-ray machine. The portable machine is suitable for scanning backpacks, purses and medium size boxes while still maintaining a small footprint. With its built-in wheels, TrueScan can be moved from one location to another with ease.

Al Inference Mode Scoring.

✓ AI feature highlights the prohibited contents of a bag. This allows the operator to substantially speed up the inspection process. The AI labels items with a percentile-based scoring system. Any detection that it considers concerning should be inspected by the operator.

Identifies Weapons and Objects.

✓ The proprietary AI used with **TrueScan** can be trained to alert on school specific prohibited items. AI is not only limited to alerting on handguns and knives. It can identify dozens of other objects such as smoke bombs, pistol magazines (partially or fully loaded), liquor bottles, airhorns, smoke bombs and flares, to name a few. Additional Al object recognition training is available upon request.

Dual Energy Image.

✓ **TrueScan** captures single-view images from a bottom-up perspective. Utilizing dual-energy detectors enhances material classification accuracy and enables the representation of object features in more distinguishable colors.

4 and 7 Color Imaging. **TrueScan** features an innovative design with exclusive seven color dual-energy technology and advanced material classification, allowing operators to view screened objects in seven distinct colors, each corresponding to a specific range of atomic number (Zeff). This design enhances visibility, with three-kerosene objects highlighted in red for improved identification.

Key: 1: Aluminium   2: Iron   3: silver,   4: carbon   5: glass   6: gaseline   7: water   8: Thinner   9: lead   10: aluminum alloy

Material Type	Atomic No.	Colors	Colors	Example	Possible Threat
Light Organics	6	Orange	Red	Polyethylene, Light Hydrocarbons	Natural gas, gasoline, kerosene
Organics	6~8	Orange	Brown	Timber, Oil, Alcohol	Explosives, Pure Drugs, Diamonds
Light Inorganics	8~10	Orange	Orange	Paper, Teflon, Water	Drugs
Inorganics, Nonmetals, and Light Metals	10~19	Green	Green	Glass Aluminum, Silicon	Gems, Gunpowder, detonators
Heavy Metals	19-40	Blue	Blue	Iron, steel, copper, brass, nickel, titanium	Weapons, ammunition, knives
Dense Metals	40+	Blue	Violet	Noble Metal	Silver, Platinum, Gold
Impenetrable	-	Red(Black)	Red(Black)	Lead, Bismuth	Hidden threats

4 color imaging

7 color imaging

Imaging Processing Tools

Advanced Image Processing features a comprehensive image enhancement suite with multiple color modes, density alerts, and zoom capabilities for more precise threat detection. Includes AI-assisted scanning and material differentiation.

- Switchable between 4 and 7 Color Modes
- Organics & Inorganic & Mixture Color
- Super & Partial Enhancement
- High / Low & Fusion Energy
- Brightening & Darkening
- Edge enhancement
- Inverse Mode
- & more

- Density Threshold Alarm (DTA)
- Continuous Scan (C-Scan)
- Continuous Zoom (64X)
- Splicing-scan (S-Scan)
- Zeff- scan (Z-Scan)
- Inverse Mode
- Grayscale
- A.I.

TrueScan AI Programmed Categories of Detection

Note: TrueScan's AI is pre-trained to recognize over 60 common threat and contraband item categories but is not guaranteed 100% accuracy for each scan. Additional categories can be machine learned based on request.

- axe head
- barrel
- battery
- bottle
- bullet
- button battery
- cd
- cellphone
- chemicals
- cigarette
- crossbow
- drug
- dust
- explosive
- extinguisher
- firecracker
- fireworks
- glass
- glass medicine
- grenade

- gun
- hammer head
- handcuff
- harddisk
- injector
- jacknife
- knife
- knuckle duster
- laptop
- lighter
- magazine
- medical forceps
- medicine
- multi injector
- notebook
- nunchuck
- paper cutter
- pliers
- power bank
- pressure lever

- round needle
- saw
- scalpel
- scissors
- screwdriver
- seal
- sharp weapon
- shaving blade
- sleeve
- slingshot
- smoke bomb
- surgical scissors
- taser
- thermos cup
- truncheon
- tweezers
- udisk
- umbrella
- wrench

3.3 Description of System Mobility and Footprint

3.3.1 TruePort Walk-Through Screening

Highly Portable & Set-Up Time in Under 5 Minutes.

- ✓ Built-in wheels and folding/unfolding capabilities.
- ✓ Easily moved between locations.
- ✓ Set up in under 5 minutes.
- ✓ Boot-up time of less than 2 minutes.

Physical Specifications

High Tower Depth	16.687 in
Low Tower Depth	17.375 in
High Tower Width	26.5 in
Low Tower Width	23.75 in
High Tower Height	71.5 in
Low Tower Height	52.4375 in
System Weight (no mat)	<200lbs
Floor Mat Weight	~40 lbs
Rated Voltage	100-240 VAC
Rated Frequency	50/60Hz
Max Power Consumption	<200Watts
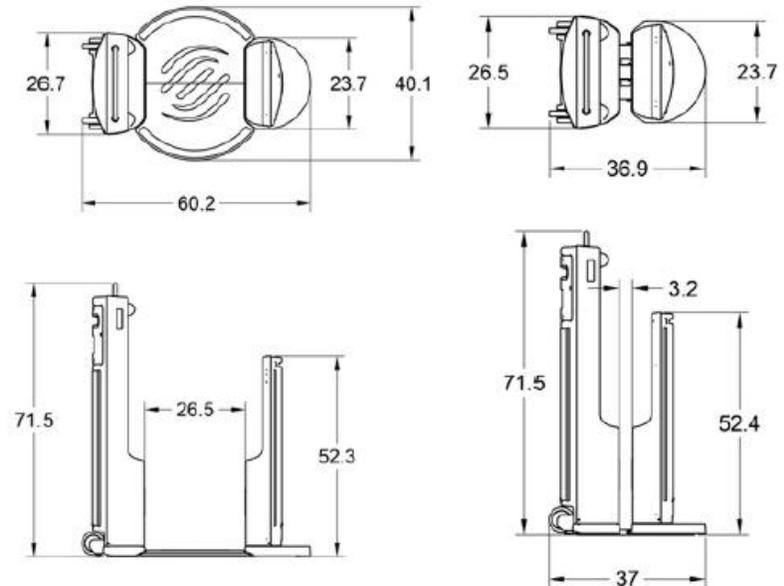
3.3.2 TrueScan X-Ray Screening

Highly Portable & Set-Up Time in Under 5 Minutes.

- ✓ Xonar **TrueScan** features built-in wheels
- ✓ Easily moved between locations.
- ✓ Set up in under 5 minutes.
- ✓ Boot-up time of less than 2 minutes.
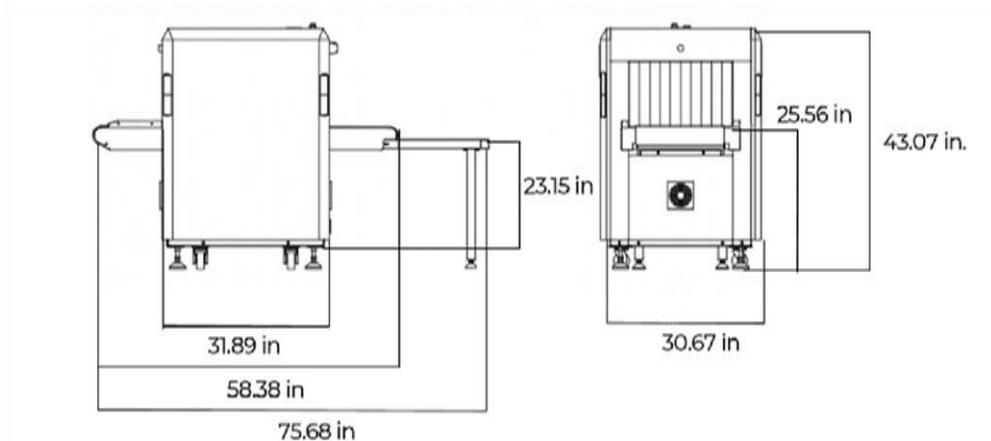
3.4 Itemized Pricing

3.4.1 TruePort Walk-Through Screening

XONAR® TruePort Unit includes latest software, event statistics, biometric authentication, and 24-hour help desk during the warranty period.

Item	Quantity	Per Unit
TruePort Purchase Price	1	$63,700.00
Roadcase	1	$3,430.00
Custom Side Panels	1	$490.00
4-Year AI Model Updates (per unit per year)	1	$3,430.00
Test Piece	1	$140.00
Rain Cover *Optional*		$490.00
Hand Wand *Optional*		$105.00

3.4.2 TrueScan X-Ray Screening

XONAR® TrueScan Unit. Includes latest software, event statistics, and 24-hour help desk during the warranty period.

Item	Quantity	Per Unit
TrueScan Purchase Price	1	$24,500.00
Roadcase	1	$3,430.00
AI Model Updates (per unit per year)	1	$2,450.00
Additional Roller *Optional*		$490.00

3.4.3 Radiation Program

The radiation program is a requirement by the state of Kentucky. The radiation requirement is based on 7 locations for TrueScan operation. One cradle point will be used per location. It is proposed to have seven (7) dosimetry badges/quarter.

Note: There is an additional annual state of Kentucky registration fee per TrueScan, paid by the school system directly to the state of Kentucky.

Item	Quantity	Price Per
Establishment of Radiation Safety Program, to include designation of a Radiation Safety Officer (RSO), Policy & Procedures, RSO Training	1	$1,659.96
Radiation State Survey (per unit per year)	1	$550.00
Cradle Point Network Connection / location	1	$770.34
Annual Cradle Point Subscription Fee / cradle point (per unit per year)	1 year	$488.59
Dosimetry badges	1 year	$800.00

3.4.4 Installation & Training

Training will begin with a classroom-style session designed to orient all participating school personnel to the new systems. This session will be delivered in an auditorium setting and may accommodate all school participants at once if desired.

Following the auditorium instruction, participants will rotate through small-group hands-on sessions according to each school's schedule.

Training personnel will remain on site throughout the week to provide supplemental instruction, answer questions, and ensure all participants are confident in system use and operational procedures.

Item	Quantity	Price Per Unit
5-Day On-Site Installation & Operator Training Includes installation of (XX) TruePort and TrueScan systems and hands-on operator training for up to 150 personnel.	1	$27,105.85
Mission-Specific SOP Development Creation of a customized Standard Operating Procedure (SOP) integrating Xonar technologies into your operational plan.	1	$4,500.00

3.4.5 Out-Year Service Costs

KDA can provide extended service beyond the one year manufacturer's warranty. This service continues the Reachback, troubleshooting, and repairs for each unit on an annual basis.

Item	Quantity	Per Unit
TruPort Extended Service - Year One *Optional*	1 per unit	$2,500.00
TruPort Extended Service - Year Two *Optional*	1 per unit	$2,600.00
TruPort Extended Service - Year Three *Optional*	1 per unit	$2,704.00
TrueScan Extended Service - Year One *Optional*	1 per unit	$6,500.00
TrueScan Extended Service - Year Two *Optional*	1 per unit	$6,760.00
TrueScan Extended Service - Year Three *Optional*	1 per unit	$7,030.00

3.5 Delivery Timeline

Delivery can be expected 30-Days or less upon issue of a purchase order.

New set-up and training can be implemented throughout the summer after delivery.

3.6 Warranty, Support, and Maintenance Services

The Xonar systems being proposed include a manufacturer's warranty for a minimum of one year and 24/7 phone support during the manufacturer's warranty period.

Xonar has certified KDA to provide service and maintenance as well as to manage the warranties. KDA's operations, maintenance, repair performance optimization, preventive maintenance, and sustainment services include ReadiTrak, our highly regarded online database maintenance management system that provides up-to-date 24/7/365 tracking, trending, status, and technical resource-related information for thousands of individually tracked pieces of equipment via secure web connection. ReadiTrak provides instant transparency into the status of all assets regardless of location.

KDA headquarters is located within Bluegrass Station in Lexington, KY, which is approximately a 90 minute drive from Bullitt County. This ensures quick response times and easy access to repairs/maintenance.   KDA has a staff of 28 experienced scientists with technical degrees at the bachelors or master's level. Each is OEM qualified or certified to perform repairs on instruments

we service. The KDA approach provides Bullitt with a fully developed and unmatched program of support for screening equipment that is quality driven and mission oriented.

ReadiTrak is used to track all warranty management and extended Service Agreements. ReadiTrak was created specifically to manage maintenance, repair actions, and service requests for both laboratory and CBRNE Commercial Off-The-Shelf (COTS) equipment and is currently in use by organizations within the military response community as well as by civilian responder entities to both track and log preventive maintenance and initiate service requests and calls for repair around the clock. Equipment is registered on the site by serial number and model name and is linked to a location.

Equipment condition code depends on specific customer maintenance requirements which are added to ReadiTrak as records. The site displays a real-time condition of all equipment using color and date indicators. Green indicates units that have maintenance records filled out on schedule; yellow indicates units with overdue maintenance requirements; and red indicates units that have open trouble tickets/service requests. Widgets on the ReadiTrak user interface are arranged to display equipment and trouble tickets so that users can "at-a-glance" accurately determine the overall status of their equipment set.

Repairs and service requests are addressed in ReadiTrak by trouble tickets associated with the specific, serialized units. Each unit will have an individual trouble ticket for documenting the warranty actions or repairs taken. As part of the ISO certified workflow, all units are triaged to provide a complete diagnosis of the problems, and to develop a repair plan. Following triage, Senior Consultation is done to verify the repair plan. Repairs will be completed on-site or at the KDA repair depot in Lexington, KY with assistance as needed from Xonar personnel.

Our experience in both our current programs and past performance includes critical mission organizations from all branches of the military, many federal agencies, and many state and local responders. KDA's sustainment approach has successfully supported clients to be able to respond with full operational capability to an event at anytime – a capability that we will bring to the Bullitt County Schools.