



**CITY OF NOVI CITY COUNCIL
FEBRUARY 5, 2024**

SUBJECT: Approval to purchase night vision goggles for the Novi Police Department's Special Response Team (SRT) in the amount \$74,706 from Night Vision Devices (NVD) through the West Bloomfield Township awarded bid.

SUBMITTING DEPARTMENT: Public Safety – Police Department

EXPENDITURE REQUIRED	\$74,706
AMOUNT BUDGETED	\$76,550
APPROPRIATION REQUIRED	N/A
LINE ITEM NUMBER	101-301.00-982.087

BACKGROUND INFORMATION:

Over the past few years, the Southwest Oakland Special Response Team (SWOSRT) has tested and evaluated night vision goggles as a tool to assist team members with tactical measures essential for critical incidents when activated. Night vision goggles offer SRT members a significant advantage by allowing them enhanced visibility in low light high risk environments. Overall, night vision goggles enhance operational effectiveness, allowing officers to extend their capabilities and accomplish mission objectives even in the absence of daylight and when surprise is crucial.

In September 2023, the West Bloomfield Township Board awarded a bid for the purchase of night vision goggles to Night Vision Devices (NVD) to outfit their members. For continuity in equipment and the ability to work in concert with our team members, the Novi Police Department's Special Response Team (SRT) are requesting the purchase of the same night vision equipment.

RECOMMENDED ACTION: Approval to purchase night vision goggles for the Novi Police Department's Special Response Team (SRT) in the amount of \$74,706 from Night Vision Devices (NVD) through the West Bloomfield Township awarded bid.



DOMESTIC QUOTE

FORM 400170, REV. D, 09-26-2023

NIGHT VISION DEVICES, INC.
5583 Roosevelt Street
Whitehall, PA 18052

CAGE CODE: 36ZQ7
DUNS: 165251906
TIN/EIN: 202232863

SEE ORCA FOR OFFICIAL CERTIFICATION

Date:	1/19/2024
Quote:	NVD-240119JL-NOVI
Expiration Date:	3/19/2024

Electronic Funds Transfer (EFT)

Financial Institution: Meridian Bank
 ABA Routing #: 031918828
 Account #: 4082525

TO: Coty of Novi: Public Safety | Police Department
 Attn: Det. Ryan Haney
 45125 Ten Mile Road, Novi, MI, 48375
 rhaney@cityofnovi.org
 248-348-7100

Shipping Method	Shipping Terms	Inspection/Acceptance	Payment Terms
UPS Ground	FOB Origin	FOB Destination	Net 30

Qty	Part #	Description	Unit Price	ARO	Line Total
8	450447	NVD BNVD-SG, Elbit, SLH, Min 1900 FOM, P45 White Phopsohr, Max HALO: 1.25, Max EBI: 2.5, Min Res: 64 Lp/mm, Min SNR: 26 10-Year Warranty, Standard Accessory Kit	\$ 7,189.00	90-120 days	\$ 57,512.00
8	28300G24-B	Wilcox L4 G24 Dovetail Helmet Mount, Color:Black	\$ 489.00	90-120 days	\$ 3,912.00
8	52301	Steiner DBAL-A3 Aiming Laser, MIL/LE Power, Color:Black	\$ 1,391.00	90-120 days	\$ 11,128.00
8	70-CWK-BK-2	Team Wendy, Exfil Counterweight Kit, Large, Color:Black	\$ 75.00	90-120 days	\$ 600.00
8	AXNS-SD7B	Unity Tactical: AXON SYNC, Surfire/DBAL Laser, 7 Inch Cable, Color:Black	\$ 181.00	90-120 days	\$ 1,448.00
		Referacne: West Bloomfeild Contract #: 08162023 Purchase Order #: 23-1860			
Subtotal					\$ 74,600.00
Shipping (UPS Ground)					\$ 106.00
Total					\$ 74,706.00

Malcolm Christman

Quotation prepared by: Malcolm Christman

Any Purchase Order(s) Resulting from this quote are subject to Night Vision Devices, Inc.'s Terms and Conditions available at:
<https://www.nvdevices.com/terms-and-conditions/>

Export of the commodities described herein is strictly prohibited without a valid export license issued by the U.S. Department of State Office of Munitions Control prescribed in the International Traffic in Arms Regulations (ITAR) Title 22. Code of Federal Regulations parts 121-128.

MEMORANDUM



TO: ERICK W. ZINSER
DIRECTOR OF PUBLIC SAFETY/CHIEF OF POLICE

FROM: RYAN HANEY, DETECTIVE

SUBJECT: NIGHT VISION GOGGLE JUSTIFICATION

DATE: JANUARY 19, 2024

Over the past few years, the Southwest Oakland Special Response Team (SWOSRT) has tested and evaluated night vision goggles as a tool to assist team members with tactical measures essential for critical incidents when activated. In September 2023, the West Bloomfield Township Board awarded a bid for the purchase of night vision goggles to Night Vision Devices (NVD) to outfit their members. For continuity in equipment and the ability to work in concert with our team members, the Novi Police Department's Special Response Team (SRT) are requesting the purchase of the same night vision equipment.

The purchase of this equipment will assist SRT operations in the following capacity:

- Enhanced visibility in low-light conditions: SRT operators often operate in environments with limited lighting, such as during night missions or in dimly lit indoor areas. Night vision goggles provide them with the ability to see clearly in these conditions, giving them a significant advantage over their adversaries.
- Tactical advantage and increased situational awareness: By using night vision goggles, SRT operators can maintain an advantage by being able to detect and identify potential threats or targets that may be hidden in the darkness. This increased situational awareness allows them to make informed decisions and take appropriate action more effectively.
- Covert operations and stealth: Night vision goggles enable SRT operators to conduct covert operations more efficiently. By relying on the goggles' capability to see in the dark, they can navigate through potentially hostile environments without relying on traditional light sources, reducing the risk of detection, and maintaining their stealth advantage.
- Target identification and discrimination: In challenging lighting conditions, accurately identifying friend from foe can be extremely difficult. Night vision goggles provide SRT operators with the ability to visually distinguish between targets, reducing the chances of engaging friendly forces and minimizing the chances of misidentification.
- Enhanced operational effectiveness: By utilizing night vision goggles, SRT operators can extend their operational capabilities beyond daylight hours

without the use of white light, maximizing their effectiveness in accomplishing mission objectives. This flexibility is particularly crucial when time is of the essence or when surprise is a critical element.

Night Vision Devices (NVD) come with a 10-year warranty and three-year preventative maintenance plan. The team has tested and evaluated NVD's night vision system and found it to be more than sufficient for the needs of the Special Response Team.



Night Vision Devices, Inc. | 5583 Roosevelt Street
Whitehall, PA 18052-4535
610-395-9743 | F: 610-395-9744
John.lesniak@nvdevices.com
www.nvdevices.com
CAGE: 36ZQ7 | GSA contract # GS 07F0022V

City of Novi
Public Safety/Police Department
Attn: Det. Ryan Haney
45125 Ten Mile Road. Novi. MI. 48375

January 19th, 2024

Re: NVD Night Vision Systems
Detective Haney,

Night Vision Devices, Inc., ("NVD") is the manufacturer and the sole provider for the NVD-BNVD-SG and respective variant models. These white phosphorus night vision systems were designed under NVD's specifications to enhance effectiveness above and beyond the conventional BNVD Systems are commercially available. NVD has proprietary ownership of the technology, making the BNVD-SG, White Phosphor-High FOM, BNVD-SG, White Phosphor-High FOM, unavailable from any manufacturer or distributor without NVD's knowledge or consent.

This letter acknowledges that Night Vision Devices (NVD) will be providing a Full (10) Year Warranty that will cover any replacement of Image Tubes and/or BNVD System Parts, in accordance with attached Warranty Statement.

Additionally, NVD is providing, at no additional cost for this contract, a (3) Year Maintenance Plan that will include System Preventative Maintenance of Devices-(Inspection, Dis-Assembly, Cleaning, Calibration, Re-Assembly, Re-Purge, Quality Control and Final Testing).

If any additional information is required, please contact me at 610-360-9597 or via email at John.lesniak@nvdevices.com.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "John F. Lesniak", is written over a horizontal line. The signature is fluid and cursive, with a prominent initial "J".

John F. Lesniak
Senior Director, Business Development
Night Vision Devices



BNVD-SG NIGHT VISION BINOCULAR



The **BNVD-SG Night Vision Binocular** is a dual tube goggle with gain control. The BNVD-SG can be used as a monocular by choosing which side you want to use as your night vision eye and rotate the other side/arm of the binocular up and out of the way. This enhanced capability allows the user to rotate either monocular channel away from their eye while leaving the other monocular channel in place. This provides the operational flexibility to use the BNVD-SG as either a dual-eye or single-eye device. When used as a monocular, the user can operate the BNVD-SG with weapon mounted sighting equipment without sacrificing night-time situational awareness.

The BNVD-SG features a "Tactical Monocular Cutoff", which turns off power to each channel of the binocular whenever a channel is rotated up out of the users' line of sight. This eliminates stray light emitting from the monocular eyepiece, which would reveal the user to anyone else on the battlefield. The BNVD-SG has an automatic system power cutoff whenever the BNVD-SG is flipped up into the helmet mounted stow position, and then powers back on when it is flipped back down. This feature can also be turned off via a four position ON/OFF switch. The BNVD-SG is available with an optional battery pack, which holds 3 "AA" Alkaline batteries for an additional 85+ hours of run time.

SPECIFICATIONS

WARRANTY:	10 YEARS
GAIN CONTROL:	MANUAL
ADJUSTABLE IR ILLUMINATOR:	YES
FLIP UP, TURN OFF SETTING:	YES
SUBMERSIBLE:	66' FOR 2 HRS
POWER SOURCE:	(1) AA-SIZE BATTERY
OPERATION TIME:	25+ HRS
FOCUS RANGE:	9.8" TO INFINITY
MAGNIFICATION:	ONE POWER (1X)
FIELD OF VIEW:	40°
DIOPTR ADJUSTMENT:	-6 TO +2
EYE RELIEF:	25MM
DIMENSIONS:	4.3" X 4.2" X 3.3"
WEIGHT (W/O BATTERY):	540 G (19 OZ)*

*PRODUCT WEIGHTS MAY VARY DUE TO MANUFACTURING AND CONFIGURATION PROCESSES.

With our expansive capabilities and strategic partnerships, we are able to custom build any of our NVD manufactured products with Image Intensifiers from either Elbit Systems of America®, Photonis® or L3Harris®. This includes green and white phosphor and thin or un-filmed image tubes. This system complies with MIL-STD 810G, MIL-PRF-A3256342A(CR) and MIL-PRF-49427(CR).



STANDARD ACCESSORIES

Soft Carry Case, Demist Shields, Lightweight Sacrificial Windows, IR Spot/Flood Lens, Dovetail Mounting Adapter, Lens Tissue, (2) AA Batteries, Operator's Manual & Card, Neck Cord, Eyecups and Retaining Lens Covers.



OPTIONAL ACCESSORIES

3X Magnifier, Helmet Mount, Shuttered Eyeguards, Camera Adapter, and Battery Pack for an additional 85+ hours of continual use for extended missions.

BNVD-SG DATA SHEET - REV - JULY 2023

NVDEVICES.COM

610-395-9743

SALES@NVDEVICES.COM



Specifications subject to change without notice. Export of the commodities described herein, is strictly prohibited without a valid export license issued by the U.S. Department of State Office of Defense Trade Controls prescribed in the International Traffic in Arms Regulation (ITAR), Title 22, Code of Federal Regulations, Parts 120-130. Approved for public release under International Traffic in Arms Regulations (ITAR) 22CFR 120.11

Schedule
Contract GS-07F-0022V



DBAL-A3 DUAL BEAM AIMING LASER



STEINER
Nothing Escapes You

The DBAL-A3 - Civilian Dual Beam Aiming Laser - Advanced3 is now available for the commercial market. It features an adjustable IR illuminator for better illumination at longer ranges, dual activation switches and high/low power modes.

The DBAL-A3 civilian model is based on the standard issue DBAL-A3 for U.S. warfighters. And just like the restricted models, this unit offers the latest advances in IR and visible laser technology. The dual-beam infrared laser and illuminator combination is extremely accurate in low- and no-light maneuvers. In addition, the DBAL-A3 is the first to feature new defocused adjustable IR illumination technology to enable both midrange and close quarter target acquisition.

The DBAL-i² features a remote cable-pressure-pad switch activation; tap and release for momentary activation; tap twice for 5-minute continuous ON.

FEATURES

- **FULLY ADJUSTABLE WINDAGE & ELEVATION**
- **HIGH & LOW POWER MODES**
- **INCLUDES REMOTE CABLE PORT**
- **ACTIVATION/LOW BATTERY INDICATOR LIGHT**
- **AVAILABLE WITH EITHER A VISIBLE GREEN OR RED LASER**
- **SUBMERSIBLE TO 5 M**

SPECIFICATIONS

Model	9008
Laser Type	Green - Class IIIa
Visible Red Or Green	Class I
IR Laser Pointer	IR - Class 3r
IR Laser Illuminator	
Power Output	
Visible Red / Green Laser	<5 mW
IR Laser Pointer	<0.7 mW
IR Laser Illuminator	<4.0 mW
Wavelength	
Visible Green Laser	532 nm
IR Laser Pointer	850 nm
IR Laser Illuminator	835 nm
Beam Divergence	
Visible Laser	<0.8 mRad
IR Laser Pointer	<0.8 mRad
IR Laser Illuminator	95 to 195mRad
Range Visibility Night/Day	
Visible Green Laser	750 m / 15m
IR Laser Pointer	>250 m
IR Laser Illuminator	>175m
Temperature	5° C to +55° C
Weight	8 oz (with battery)
Dimensions (L x W x H)	3.5 x 2.75 x 1.59
Battery Type / Life	CR123A / > 3 Hours
Material	Aircraft Aluminum
Waterproof	Submersible to 5 m
Mount	QD HT Mount
Activation Switch	Integrated Push Button
Windage & Elevation Adjustment	Yes
Remote Cable Pressure Pad	Yes



WILCOX G24 MOUNT

The Wilcox L4 G24/G70 Low Profile Breakaway Mount allows firm attachment of a variety of NVGs to a MICH/ACH helmet drilled with a standard three-hole configuration.

LIFETIME WARRANTY!



The L4 G70 NVG Mount
(PN 28300G70)

PRODUCT DESCRIPTION

- Maintains a Very Low Profile Stance on the Helmet.
- Each Mechanical Adjustment is Durable and Ergonomically Positioned for Easy One-Handed Operation while Handling a Weapon

FEATURES

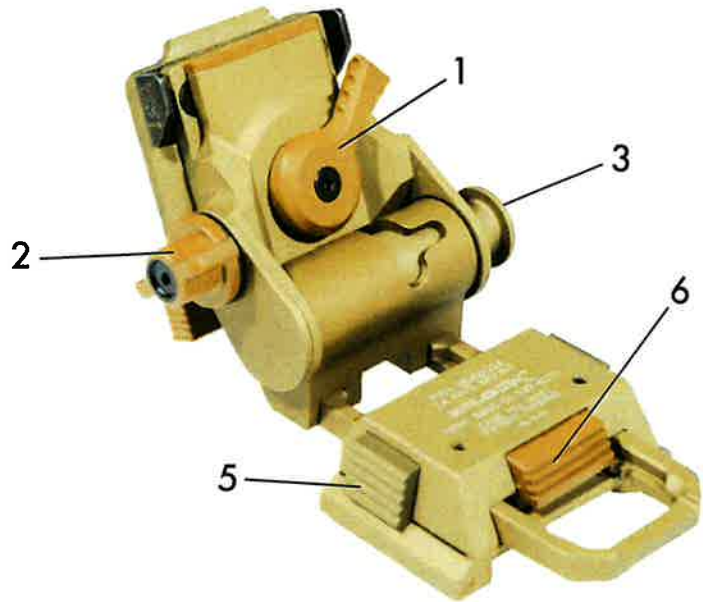
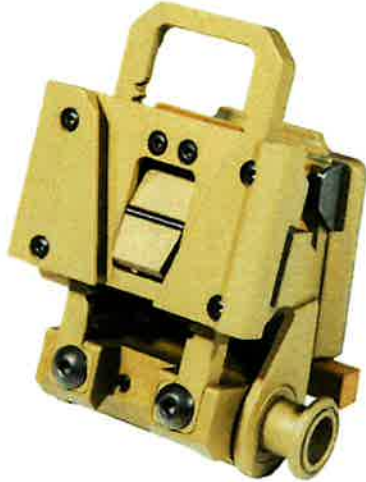
- Breakaway Feature allows Mount to Break Away under Stress, or to Securely Lock in Place by Means of a Breakaway Lever
- Wilcox NVG Lanyard Assembly (see TDS078) Provides a Secure Attachment to an Array of NVG Devices Preventing Loss of the NVG
- Mount Locks into Place in the Operational and Stowed Positions
- Provides Over-Travel in the Fully Extended Position to Minimize the Profile of the Mount
- Wilcox L4 G70 configuration features a Wilcox Three Hole shroud, and provides easy attachment.

PART NUMBERS

28300G24-B	L4 G24 Mount with Low Profile Breakaway Base (Black)
28300G24-T	L4 G24 Mount with Low Profile Breakaway Base (Tan)
28300G70-B	L4 G24 Mount with Wilcox Three Hole Shroud & Lanyard Assembly (Black)
28300G70-T	L4 G24 Mount with Wilcox Three-Hole Shroud & Lanyard Assembly (Tan)
56100G34	L4 Series Three Hole Shroud
56100G35	L4 Series Three Hole Shroud with Lanyard & Cup Assembly



WILCOX G24 MOUNT



PRODUCT SPECIFICATIONS

The G24 NVG Mount is designed to provide a solid mounting platform with multiple adjustment points.

1. Lock Release Lever allows NVG height to be easily adjusted up or down, then secured.
2. A Mount Release Lever allows the operator to easily set the desirable mode (breakaway or locked), depending upon operational needs.
3. An ergonomically placed Flip Release Button allows the Mount to "flip up" to a stowed position when the goggle is attached. This pivot mechanism is simple and robust by design and cannot loosen over time.
4. A Tilt Adjustment Knob allows the operator to fine adjust the tilt angle of the NVG.
5. A Fore/Aft Release Lever allows for fore/aft travel of the goggle. Releasing the lever allows the operator to set the fore/aft position of the goggle.
6. An ergonomically placed NVG Release Button allows for one handed release of the NVG.

SPECIFICATIONS

Dimensions (Operational)	3.98"L x 2.60"W x 2.40"H
Weight (G24 Mount Only)	.36 lb (5.76 oz)
Weight (Shroud Only)	.10 lb (1.6 oz)
Material Construction	Light Weight, Aerospace Grade Metal
Accommodates NVG	AN/PVS-7B and 14 (Both Require Optional Hardware), 7A, 7C, 15, and 18
Vertical Height Adjustment	.900" Total Travel
Fore/Aft Travel	1.10" Total Travel

COLOR SAMPLES



Black



Tan



Ph: 610-395-9743
Fax: 610-395-9744
www.nvdevices.com
Email: sales@nvdevices.com

NVD Warranty Statement

- (1) Subject to the conditions hereinafter stated, NVD warrants that at the time of delivery to the carrier, all items will be free from defects in material and workmanship.
- (2) NVD's obligation under this warranty shall be limited to (1) repairing, or (2) replacing at its factory or (3) allowing an equitable credit for any item, which upon inspection and in the judgment of NVD, is defective in material or in workmanship, provided that NVD is notified of any such defect or nonconformance within warranty period applicable to the item(s) purchased.
- (3) No item will be accepted for repair, replacement or credit adjustment without a Return Merchandise Authorization (RMA) number, issued by NVD. To obtain an RMA and shipping instructions please contact our service department by either phone (610) 395-9743 or email at service@nvdevices.com. Upon receipt of authorization, and only in accordance with instructions of NVD, items for which adjustment, evaluation, or repair is requested shall be returned to NVD for examination with all shipping charges prepaid by the Buyer. Such items shall be packed in the original shipping container or in a manner substantially equal to the original packing used by NVD or NVD's dealer or distributor. The return package shall include a copy of the RMA number, contact information, and a brief description of the reason for return. Failure to include the documentation or to package correctly may void this warranty. If such items, after examination by NVD, are found to be defective, the credit will be allowed for reasonable shipping charges paid by the Buyer.
- (4) IN THE EVENT THAT THE ITEM APPEARS TO HAVE BEEN DAMAGED IN TRANSIT, NVD SHALL NOTIFY BUYER IN A TIMELY MANNER PERMITTING THE BUYER TO FILE A CLAIM AGAINST THE CARRIER.
- (5) In the event that, pursuant to paragraph (2) above, NVD elects not to repair or replace any such defective item, NVD will refund the purchase price and NVD shall have no further obligation hereunder with respect to the defective item.
- (6) This warranty does not extend to any item which has been subject to misuse, neglect, accident, operation outside of the item's maximum/minimum ratings, incorrect wiring, improper application or installation, use in violation of instructions furnished by NVD, or has had its serial number or any part thereof altered, defaced or removed. Returned items, which are found by NVD to be within original product specifications, will be subject to a handling charge of 10% of the original purchase price billable to the Buyer.
- (7) NVD will be permitted upon request to observe Buyer's incoming inspection testing procedures at any time that is mutually acceptable.
- (8) Except as to title, NVD's liability arising out of the supplying or use of these items, whether or not within warranty, shall not in any case exceed the limitations herein stated nor shall NVD be liable for any general, special or consequential damages for any loss, damage or expense directly or indirectly arising from the use or inability to use the items, or any inability to use them either separately or in combination with any other equipment, or from any other cause. THE WARRANTY HEREIN PROVIDED FOR SHALL BE BUYER'S EXCLUSIVE REMEDY AND IS EXPRESSLY IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE.

Expressed Specific Product Warranties

- (1) **Parts:** All new parts are covered under the above listed warranty conditions for one year after the date of sale.
- (2) **Image Intensifiers:** All new Elbit image intensifiers sold by NVD are covered under the above listed warranty conditions for one (1) year after the date of sale. All new L3 Harris image intensifiers sold by NVD are covered under the above listed warranty conditions for two (2) years after the date of sale. All new Photonis image intensifiers sold by NVD are covered under the above listed warranty conditions for one (1) year after the date of sale.
- (3) **NVD Systems:** Unless otherwise expressed, the following NVD manufactured systems sold by NVD are covered under the above listed warranty conditions for the following time period: The NVD-PVS-14, NVD-PVS-7, and all models of the NVD-BNVD series will have a ten year warranty after the date of sale; The NVD-740/760 will have a two year warranty after the date of sale.
- (4) **Other Systems:** Unless otherwise expressed, all new systems sold by NVD, which are manufactured by other companies, are covered by the manufacturer's original warranty. Specific manufacturer's warranty periods for those products are listed either on NVD's product literature sheets or on that product's web page located at www.nvdevices.com.