

Vendor Name: \_\_\_\_\_  
Payment Terms: \_\_\_\_\_  
F.O.B.: \_\_\_\_\_  
Delivery Date: \_\_\_\_\_  
Ship Via: \_\_\_\_\_  
Signature: \_\_\_\_\_

SHIP City of Oak Ridge - Materials Management  
TO 100 Woodbury Lane / P.O. Box 1  
Oak Ridge, TN 37830  
(865) 425-1819 FAX (865) 482-8475  
Lyn Majeski lmajeski@oakridgetn.gov

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Ordered - 04/01/16 Freight - Default - Handling Code  
Requested - 04/19/16 Taken By -  
Delivery - Deliveries are accepted 8 a.m. TO 3 p.m.  
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Description / Supplier Item	UM	Unit Cost	Extension	Req. Dt
Patrol Rifle Optic Per Attached Specifications	65.0000 EA		EA	04/19/16

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SEALED BID OPENING - APRIL 19, 2016 AT 2:15 P.M.

In Person/Overnight Delivery:	Regular Mail:
City of Oak Ridge	City of Oak Ridge
Finance Department	Finance Department
Attn: Lyn Majeski	Attn: Lyn Majeski
100 Woodbury Lane	P. O. Box 1
Oak Ridge, TN 37830	Oak Ridge, TN 37831-0001

.  
Bids submitted by mail rather than hand-delivery must indicate on the outside envelope, lower left corner, the following: "Sealed bid for RFQ 147693 - Patrol Rifle Optic"

.  
Late, faxed, and electronic bids are not accepted.

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The City of Oak Ridge reserves the right to reject all or any part of any bid submitted.

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Bidder is required to complete bid form including terms, delivery date, signature, company name, etc.

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Any additions, deletions, or variations from the attached specifications must be noted.

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Total Order  
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**CITY OF OAK RIDGE, TENNESSEE**  
**Patrol Rifle Optic**  
**RFQ 147693**

The City of Oak Ridge is requesting bids for Patrol Rifle Optic per the following specifications:

***Bid Request Specs:***

Brand: Aimpoint

Model: Micro T1 and T2

Number Required: 65

Attachment Addition (Bid as part of package): 1" Riser for AR15

**GENERAL SPECIFICATIONS**

**Art.No:** 12417 (2MOA),

**OPTICAL SPECIFICATIONS**

**Operating principle:** Reflex Collimator sight with LED

**Optical magnification:** 1x

**Aiming dot size:** 2 MOA

**Dot intensity:** Visible against a background luminance of 0,1 to 55 000 lx

**Optical signature:** No optical signature is visible at 10 meter distance, front side, on appropriate settings with NVD 3

**Dot color:** Peak Wavelength: 650 ± 10 nm

**NVD compatible:** Yes

**Optical coating:** Anti-reflex, all surfaces and multi-layer. NVD-Compatible 1, 2, 3

**Clear aperture:** 20 mm

**Eye relief:** Unlimited

### **POWER SOURCE**

**Battery type:** 3V lithium battery, type CR2032.

**Battery life - Day time use:** 5 years (50 000h) of continuous use at pos. 8 and over 10 months at pos. 10. Responds to >500 000 hours at NVD setting (pos. 2)

**Power intensity:** 4 NVD and 8 Daylight, of which 1 extra bright

### **PHYSICAL SPECIFICATIONS**

**Length sight only:** 62 mm (2 7/16")

**Length conf:** 69 mm (2 3/4")

**Width:** 41 mm (1 9/16")

**Height sight only:** 36 mm (1 3/8")

**Height conf:** 41 mm (1 9/16")

**Weight sight only (incl battery):** 84 g, ( 3,0 oz)

**Weight conf:** 116 g (4,1 oz) incl. Lens Covers and Mount

**Housing material:** High Strength Aluminum

**Housing finish and color:** Matte black

**Material mount and spacer std conf:** High Strength Aluminum

**Surface treatment:** Hard anodized, matte

**Height of optical axis - sight and mount:** 18 mm (11/16") over top surface of Picatinny/Weaver Rail

**Height of optical axis - sight, mount and Micro spacer XX:** Spacer low: 48 mm (1 7/8") over top surface of Picatinny/Weaver Rail

**Height of optical axis - sight, mount and Micro spacer ZZ:** Spacer high: 57 mm (2 3/16") over top surface of Picatinny/Weaver Rail

**Adjustment:** Range  $\pm 1$  m at 100 meters ( $\pm 1$  yds at 100 yds) in windage and elevation, 1 click = 13 mm at 100 meters = 10 mm at 80 meters = 7/16" at 100 yds

## **ENVIRONMENTAL SPECIFICATIONS**

**Temperature range operation:** -45°C to 71°C (-49°F to 160°F)

**Temperature range storage:** -51°C to 71°C (-60°F to 160°F)

**Temperature shock:** Operable after a temperature shock between -45°C and +71°C. Duration: 4h of Hot +71°C, 4h of Cold -45°C. Cycling: 3 times

**Humidity:** Operates despite humidity. Limits: RH: 95%, Temp: 20°C to 50 °C, cyclic

**Immersion, static:** Operates after immersion. Limits: Depth: 25m (83 ft.)

**Shock:** Operable before and after shock. Limits: X-axis: 500 g, 0.7 – 1.1 ms (3 shocks), Y-axis: 40g  $\pm 4$ g, 11  $\pm 1$ ms (2 shocks in each direction, Z-axis: 40g  $\pm 4$ g, 11  $\pm 1$ ms, 2 shocks in each direction. Functional during exposure (room temperature)

**Vibration:** Operates despite vibration. Limits: Vibration, sinusoidal in a frequency range of 10-150 Hz. Frequency: 10-30 Hz,  $\pm 1.587$  mm, Frequency: 30-150 Hz. 5.75 g, 1 octave/min

**Chemical resistance:** Withstands occasional contamination of: Hydraulic oil (FSD 8407, Tryckolja 021), Lubricating oil (FSD 8127, Motorolja 5W/30), Lubricating oil (FSD 8220, Smörjfett 220), Lubricating oil (Break Free), Fuels (FSD 8612, Diesel fuel oil), Solvents/cleaning (FSD