



INVITATION TO BIDDERS

The City of Gatlinburg is accepting sealed bids on the purchase of Tactical Body Armor for the City of Gatlinburg Police Department. The specifications are located within the bid packet.

Bids will be received at City Hall until **2:30 p.m., February 4, 2016** at which time they will be publicly opened and read aloud. No bid may be withdrawn for thirty (30) days.

Bid shall be sealed in an envelope with the bidder's name, address, the bid opening time and date and the quotation "**Bid on Tactical Body Armor**" stated plainly on the outside.

For questions concerning the Bid Documents, Bidders may contact City of Gatlinburg, Delea Patterson, AP/Purchasing, 1230 Parkway East, Suite 2, PO Box 5, Gatlinburg, Tennessee, 37738 at 865-436-1409 or Fax 865-436-6464 or deleap@gatlinburgtn.gov. Questions about the specifications need to be directed to Gatlinburg Police Department, Chief Gary Waldrep at 865-430-1381.

Bid specifications will also be available on the City of Gatlinburg website at www.gatlinburgtn.gov under "Out for Bids" tab. This bid tab is located under Gatlinburg Government, and then Purchasing. Bid results are posted in the same area as shortly after bid opening as possible.

The City reserves the right to qualify bidders, to waive any informalities, to reject any and/or all bids, and to accept the bid deemed most favorable and in the best interest of the City.

It is the policy of the City of Gatlinburg not to discriminate on the basis of race, color, national origin, age, sex, or disability in its hiring and employment practices, or in admission to, access to, or operation of its programs, services and activities. With regard to all aspects of this contract, contractor certifies and warrants it will comply with this policy.

GENERAL PROVISIONS

Prices quoted shall not include Federal or State taxes, if any are applicable. The successful bidder shall furnish tax exemption forms, if required, with their invoices.

The prices quoted are that for which the materials or services will be delivered F.O.B. Gatlinburg, Tennessee.

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

Inspection of the materials or equipment will be made by an agent of the City of Gatlinburg, and if found defective or fails in any way to meet the terms of this agreement, it will be rejected. Rejected materials or equipment will be replaced at the expense of the bidder.

All technical specifications must accompany bid.

The City of Gatlinburg reserves the right to purchase additional units or services under the same terms and conditions for a period of one (1) year.

The City of Gatlinburg reserves the right to defer payment for thirty (30) days after delivery. The City of Gatlinburg also reserves the right to reject any and/or all bids.

The bidder agrees to indemnify the City of Gatlinburg from any and all liability; loss or damage the City may suffer as a result of claims, demands, costs, or judgments against it arising from any and all work under this agreement.

The bidder agrees to notify the City, in writing, within thirty (30) days, by registered mail, at the City's address as stated in this agreement, of any claim against the bidder on the obligations indemnified against.

It is the policy of the City of Gatlinburg not to discriminate on the basis of race, color, national origin, age, sex, or disability in its hiring and employment practices, or in admission to, access to, or operation of its programs, services and activities. With regard to all aspects of this contract, contractor certifies and warrants it will comply with this policy.

BID SPECIFICATIONS AX-SERIES BALLISTIC SYSTEM LEVEL IIIA MALE AXIII A

Revision: 03/10/2015

Assault One Base vest with Trauma Plate

NIJ Certification

AXIII A satisfies the requirements of NIJ-Standard-0101.06 Level IIIA and the Compliance Testing Program.

AXIII A weight **not to exceed** 0.87 pounds per square foot. Thickness is 0.20 inches.

NIJ Compliance Test Data - Protection Level Specifications

Threat 1 - Low Caliber

Model No.	Cert Size (C1-C5)	New 357 Sig V50 (fps/mps)		Conditioned 357 Sig V50 (fps/mps)		New 357 Sig BFS (mm/in)		Conditioned 357 Sig BFS (mm/in)		Certification Date	Berry (Yes/No)
AXIII A	C1	1870	570	1855	566	29.76	1.17	30.60	1.20	10/08/2013	Y
	C5					28.31	1.11	29.42	1.16		

Threat 2 - High Caliber

Model No.	Cert Size (C1-C5)	New 44mag V50 (fps/mps)		Conditioned 44mag V50 (fps/mps)		New 44mag BFS (mm/in)		Conditioned 44mag BFS (mm/in)		Certification Date	Berry (Yes/No)
AXIII A	C1	1745	532	1770	540	39.18	1.54	40.30	1.59	10/08/2013	Y
	C5					33.81	1.33	36.08	1.42		

Special Threat Test Summary Results (V50)

Model No.	FBI Compliant	DEA Compliant	2gr. RCC	4gr. RCC	16gr. RCC	17 gr. FSP	64 gr. RCC	Clay/Air
AXIII A	Yes	Yes	2880	2601	2099	N/A	1772	Clay
			3074	2721	2306	2114	1876	Air

Ballistic Panel Materials

All materials shall be new without flaws that affect appearance, durability, and function. The ballistic panels shall be constructed of a matrix of Woven Aramid and UD Polyethylene fabrics. No other ballistic material shall be used.

Ballistic Panel Cover Material

Each ballistic panel shall be covered in 100% weldable Nylon 210D double wall ripstop with TPU coating.

Panel Construction

All submitted vests shall have uniform layer count throughout the entire ballistic panel. If not, the vests shall be rejected.

Special Threat Testing

The AXIII A has been tested in accordance with the FBI Test Protocol Version 4.1., dated 22 May 2014. Shots against the armor samples were performed at 0.0° obliquity and ambient range temperature (67 ± 1 °F). Each sample was conditioned to a specific parameter prior to testing. For each shot, the target was strapped to a gelatin block. The ballistic resistance test was performed at an NIJ independent laboratory using the following threats:

- 9mm NATO, 124-grain full metal jacketed (FMJ) projectiles
- 9mm-127-grain supreme expansion technology (SXT) projectiles
- 9mm-147-grain gold dot hollow point (GDHP) projectiles
- .40-cal., 180-grain S&W Speer gold dot hollow point (GDHP) projectiles
- .45 Auto, 230-grain brass jacketed hollow point (BJHP) projectiles

The AXIII A has also been tested in compliance with the DEA Test Protocol requirements.

ASSAULT-ONE

Revision: 05/27/2015

1. Unique System Features

- 1.1 Self-Suspending Ballistic System (SSBS) prevents ballistic panels from rolling and sagging inside the carrier
- 1.2 Side-opening construction with enhanced adjustability at the waist
- 1.3 Contoured chest construction designed to enhance shooter accuracy
- 1.4 Integrated plate retention system provides greater stabilization and even weight distribution
- 1.5 Provides maximum load bearing capabilities
- 1.6 Assault-One can adapt to any tactical mission with split-second precision

2. Base System Features

- 2.1 Exterior fabric - available in 500 and 1000 Denier Nylon Cordura®, Durable Water Repellent (DWR)
- 2.2 Exterior color options:
 - 2.2.1 1000D: Midnight Navy (BED), Black (BKA), OD Green (GND), Ranger Green (GNR), and Multicam (MUC)
 - 2.2.2 500D: Digital Camo (ACU), Black (BKA), Woodland Camo (CEA), Day Desert Camo (CEB), Coyote (COY)
- 2.3 Interior fabric: available in 500 and 1000 Denier Nylon Cordura®
- 2.4 Interior color is the same as the exterior except in the cases of :
 - 2.4.1 Multicam carrier with Coyote interior
 - 2.4.2 Digital Camo carrier with Foliage Green interior
 - 2.4.3 Woodland Camo carrier with OD Green interior
- 2.5 Front and back top loading plate pocket system accommodates 8"x10" or 10"x12" hard armor plates
- 2.6 Side plate pocket system accommodates 5"x8" plates for additional side trauma protection
- 2.7 Bicep 5" x 8" inserts
- 2.8 ID Panels:
 - 2.8.1 Front: 1" x 8" with hook attachment
 - 2.8.2 Back: 3" x 10" with hook attachment
- 2.9 Internal elastic Cummerbund to ensure a close and comfortable fit for load bearing support
- 2.10 MOLLE Compatible Load Bearing Webbing System
- 2.11 Reinforced "Man-Down" strap
- 2.12 Hidden dual front "kangaroo" pockets capable of securing AR-15, M16, or similar magazines
- 2.13 Base vest includes carrier and ballistic panels
- 2.14 Complete set includes (in addition to the base vest):
 - 2.14.1 Two removable bicep protectors
 - 2.14.2 Removable throat protector
 - 2.14.3 Removable collar protector
 - 2.14.4 Removable and retractable groin protector
 - 2.14.5 Two bicep 2" x 6" removable VELCRO® brand fastener ID panels

3. Optional System Features

- 3.1 Fire Retardant Nomex® Carrier - Available only in Black
- 3.2 Cordura® Carry Case
- 3.3 Custom agency ID Placards
- 3.4 Level III/IV Tactical Plates
- 3.5 Soft Trauma Plates for bicep and side closures
- 3.6 ThordShield™ adds protection against Taser® or electroshock weapons

4. Ballistic System Performance

4.1 Protection level: NIJ-STD-0101.06 Level IIIA

4.2 For more details refer to the ballistic specifications

5. Manufacturing Standards

All manufacturing processes follow the American Standards for Testing and Materials (ASTM) listed below as they apply to textile manufacturing and measuring. Every product is subjected to strict quality standards beginning with close inspections of fabric and other raw material when they are received. In-process quality monitoring continues as fabric and trim items are cut and manufactured into finished goods. A final inspection of each product insures full compliance with standards and a quality product for the customer

ASTM D-204 - Sewing Threads

ASTM D-6193 - Standard Practice for Stitches & Seam

ASTM D-1777 - Standard Method for Testing Thickness of Textile Materials

ASTM D-3776 - Mass per Unit Area (Weight) of Woven Fabric

ANSI/ISO/ASQ Q9001-2000 Certification

6. Quality Management System

Point Blank Body Armor was successful in securing registration to ISO9001:2008 Standards in 2009. The Quality Management System developed to support this international quality standard embraces the concept of "continuous improvement" and a closed loop set of checks and balances on key product characteristics and key company performance measurements. Data is gathered on a "real time" basis and is analyzed routinely to ensure that the manufacturing processes are achieving the desired results. Products are analyzed throughout the processes to ensure the required product design performance required is achieved. The most current and innovative techniques and equipment are utilized in each of the analysis methods. All measurement devices are in a calibration system that is traceable to the National Institute of Testing and Standards to ensure the accuracy of the data. Point Blank Body Armor works tirelessly to ensure that a world-class product is provided

7. Sizes

Available in Extra-Small through 7 Extra-Large with nine different lengths for front and nine for the back (offered within each size)

8. Ballistic Labeling

- 8.1 Label material will withstand normal wear and cleaning and remain readable during the entire warranted life of the armor or carrier
- 8.2 All soft body armor is labeled in strict adherence to the labeling requirement set forth in NIJ-Standard-0101.06
- 8.3 Serial number assignments and marking of all ballistic components insure full traceability from receipt by the manufacturing facility through testing, assembly, and issue to the individual customer. The ballistic panel labeling shall include, but not be limited to the following:

- Name of Manufacturer
- Level of Protection
- NIJ-STD-0101.06
- Date of Manufacture
- Date Issue
- Size
- Serial Number
- Model of Vest
- Manufacture Location
- Care Instructions
- Warranty Period

9. Carrier Labeling

- 9.1 Label material will withstand normal wear and cleaning
- 9.2 The label will remain readable during the entire warranted life of the carrier
- 9.3 The label shall include, but not limited to the following:

- Name of Manufacturer
- Fabric Content
- Size
- Care Instructions
- Protection Warning

10. Warranty

Refer to the Standard Warranty

11. Carrier

Must be able to accommodate existing Point Blank ammunition pouches and accessory pouches; MOLLE system.

Vendor must come to the Gatlinburg Police Department at 1230 East Parkway, Gatlinburg TN 37738 and meet with and measure each officer who is to receive the vests during their assigned shift. Vendor will be provided a list of the names and times officers are scheduled so that they can plan accordingly.

Vendor is responsible for proper fit. If fit is not correct it must be able to be returned for correct fit.

Initial order will be for up to 10 vests.

Delea Patterson
AP/Purchasing
City of Gatlinburg
1230 East Parkway, Suite 2
P.O. Box 5
Gatlinburg, TN 37738

RE: Bid on Tactical Body Armor

The specifications for the above-mentioned items have been reviewed and the following is offered for purchase and delivery of the following Tactical Body Armor:

\$ _____
Individual cost for up to Ten (10) Tactical Body Armor
Units per Bid Specifications, Delivery Included

Estimated Delivery Days

Brand / Model

Any Deviations are listed below: Deviations _____ Yes _____ No

Signed _____ Date _____

Name (Print) _____ Telephone Number _____

Company Name

Address

City State Zip

EACH BIDDER SHALL SUBMIT THIS STATEMENT OF COMPLIANCE WITH THEIR BID.

For Title VI and IX compliance, we ask for voluntary disclosure of the following information:

Gender: Male _____

Female _____

Race: Caucasian _____

African American _____

Other (please specify) _____

BIDDERS LIST

Craig's Firearm Supply
8761 Chapman Highway
Knoxville, TN 37920
acb4567@comcast.net

Kay Uniforms
1307 Chilhowee Avenue
Knoxville, TN 37917
info@fehheimer.com

CMS Uniforms
Chris Boyd
717 Ewing Avenue
Nashville, TN 37203
Chris_boyd@cmsuniforms.com

G.T. Distributors
Fax: 800-480-5846
Attn: Lori Stansell
sales@gtdist.com

Gall's
ace@galls.com