



CITY OF EAST PROVIDENCE
BALLISTIC RESISTANCE POLICE BODY ARMOR
SPECIFICATIONS
REQUEST FOR PROPSALS
RFP EP21/22-02

BID OPENING WEDNESDAY, DECEMBER 8, 2021 AT 11AM

SPECIFICATIONS

The requirements described in these specifications are for minimum acceptable standards for Ballistic Resistance Police Body Armor for the City of East Providence Police Department. The intent is to purchase state-of-the-art Ballistic Resistance Police Body Armor with optimum protection and wear-ability. All bidders shall adhere strictly to these requirements. A complete justification for any deviation is to be furnished along with the City's substitution form 72 hours prior to the bid closing time and date.

ESTIMATED ANNUAL QUANTITIES

The City estimates that it will purchase fifteen (45) Ballistic Resistance Police Body Armor units for officers over one year. Approximately (8) Ballistic Resistance Police Body Armor units will be for female officers off this bid. These estimated quantities are based upon the best available information. The City reserves the right to increase or decrease the quantity by any amount deemed necessary to meet its needs without any adjustments in the quoted price.

DELIVERY

All deliveries are to be made to the following address:

East Providence Police Department
750 Waterman Avenue
East Providence RI 02914

Attention: Lt. Michael Masaitis
Planning & Training Unit

QUESTIONS

Any questions regarding the specifications may be directed to:
 Lt. Michael Masaitis mmasaitis@eastprovidenceri.gov
 no later than **WEDNESDAY, DECEMBER 1, 2021 AT 4:00 PM.**

Any questions related to bidding procedures may be directed to:
 Luis Olmo, Accountant/Budget Analyst
lolmo@eastprovidenceri.gov

BODY ARMOR			
ITEM	DESCRIPTION	CHECK IF MEETS SPEC'S	
		YES	NO
1.	All materials are to be clean, brand new, and free of defects.		
2.	WORKMANSHIP All Workmanship is to be of first quality. No defect that might affect the performance, wear-ability, or durability of the vest will be tolerated. The City of East Providence, Police Department, shall have the sole right to determine if this and all other requirements have been met.		
3.	BALLISTIC PROPERTIES Each vest shall meet or exceed the following: Each unit of armor shall be new, unused, constructed of the highest quality materials, and shall be constructed identically to the original model tested by NLECTC and certified to comply with the minimum performance requirements for Type II and Type III armor as specified in NIJ Standard-0101.06 Ballistic Resistance of Body Armor, Effective: July 2008 and shall afford full protection to the torso front, torso back, and sides.		
4.	Each vest model must have been separately tested and certified to comply with the requirements of the voluntary National Institute of Justice: NIJ Standard-0101.06 Ballistic Resistance of Body Armor, Effective: July 2008		

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5.	<p>CITY TESTING V-50 tests have been proved to relate directly to handgun bullet stopping power and have a high degree of consistency and reproducibility. The City of East Providence, Rhode Island, Police Department reserves the right to conduct random acceptance testing on old, used vests utilizing the consistent, scientific V-50 test method. The City will pay for all samples and testing costs.</p>		
6.	<p>QUALITY CONTROL PROGRAM and POLICY Any manufacturer bid must have a comprehensive Quality Control Program, which includes a written Q.C. Policy. All documents and data must be made available for inspection upon request. The manufacturer must also be Quality Certified by an accredited quality registrar to the ISO 9001 standard.</p> <p>NOTE: Certificate of registration must accompany this bid.</p>		
7.	<p>FIBER and FIBER PROPERTIES NO ZYLON or PBO identified as poly-<i>p</i>-phenylene benzobisoxazole (commonly known as PBO or Zylon®) fibers.</p>		
8.	<p>PRODUCT CONSISTENCY The manufacturer must warrant that all shipments of each certified model will be identical and constructed to that which was originally certified.</p>		
9.	<p>SUBSTITUTIONS No substitutions will be allowed without prior written approval of the City of East Providence, Rhode Island, Police Department.</p>		
10.	<p>WARRANTED PERFORMANCE LEVEL The manufacturer must warrant that the NIJ certified model will continue to perform at its established V-50 Ballistic Limit levels as demonstrated by independent laboratory tests, within a normal variation of +/- 6%, for a minimum of five years.</p>		
11.	<p>TRACEABILITY All vests must be serialized, 100% inspected, and traceable.</p>		

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12.	<p>QUALITY DATA AVAILABLE FOR CITY INSPECTION All procedures and quality data must be available to the City of East Providence, Police Department, for inspection upon request.</p>		
13.	<p>DESIGN REQUIREMENTS The armor described herein is intended for primary use as an undergarment.</p>		
14.	<p>PROTECTIVE COVERAGE The armor must provide maximum practical protective coverage for male and female officers for everyday wear. Armor provides side protection for full torso coverage. Overlapping the front and back panels by at least 1 inch—preferably 2 inches. NIJ suggests that when overlapping the two panels, the front panel should overlap the back panel to prevent a round from “skipping” between the two panels.</p> <p>Suitable relief of one to two inches must be allowed between the bottom of the vest and the gun belt while standing so that no binding occurs when the officer is in the sitting position.</p> <p>Ample relief must be provided in the armpit and neck region.</p> <p>Specified thickness, flexibility, weight, and fit requirements are intended to maximize everyday wear.</p>		
15.	<p>BALLISTIC VEST CARRIER Each vest shall be supplied with two black six point adjustable carriers designed to maximize moisture-wicking, evaporation and temperature management such as GoreTex® or CoolMax®,</p> <p>Coloring shall be permanent and not “bleed” onto other garments.</p> <p>Small hook and loop (Velcro) closures are required.</p> <p>The carrier must have shirttails.</p>		
16.	<p>TRAUMA PLATE OR TRAUMA PACK Each vest must have a Trauma Plate or Trauma Pack of the latest design and material. Removable from carrier</p>		

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17.	<p>LABELS NIJ Standard-0101.06 Ballistic Resistance of Body Armor, Effective: July 2008. NOTE: Each ballistic vest must also have a concealed label to enable future tracing of the panel by model, serial and lot number, and the date of manufacture.</p>		
18.	<p>CUSTOM FIT Each vest must be custom fitted and made to measurements. All measurements must be made by factory-trained personnel.</p> <p>Initial fit of custom measured vests must be guaranteed to fit satisfactorily on delivery. The Bidder or manufacturer must agree to provide alterations or replacement free until the wearer is satisfied. This includes initial fit of both male and female vests.</p> <p>Manufacturer must provide adjustment for the chest, waist, and shoulders with the minimum relief under arms, neck, and shoulder necessary to prevent chafing of the wearer. Be designed in such a manner as to prevent the armor from “riding up” on the wearer during normal duty activities. All closure, fastening, or accessory attachment devices should be made of materials that do not present a “secondary projectile” or “ricochet” hazard if struck by a bullet.</p>		
19.	<p>PERFORMANCE WARRANTY With normal use and no abuse, field ballistic performance to specified threat level must be warranted for a minimum of five years from the date of original purchase.</p> <p>Outer carriers must be guaranteed against defects in workmanship for a minimum of twelve months from the date of purchase.</p>		
20.	<p>PROOF OF STABILITY Qualified Bidders must have an established store with regular business hours.</p> <p>Only manufactures that have been in business at least three years are eligible to place a bid on this purchase.</p> <p>Please state how long your manufacture has been in business making body armor: _____</p>		

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21.	REFERENCES Upon request, qualified Bidders must furnish a list of agencies that have been using your body armor over the past three years.		