



John Samaniego, Sheriff

Specifications for Stab Resistant Vest Bid
August 20, 2024

Shelby County Sheriff's Office
Bid Specifications for Stab Resistant Vests

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1.0 SCOPE: The attached product specification details the style and quality of concealable soft body armor vests intended for use by male or female members of this agency. The vests shall be worn comfortably while being concealed under a shirt. All vests shall provide protection against labeled spike penetration while reducing resultant blunt trauma and vest distortion to acceptable levels. All vests must meet or exceed the technical specifications as documented in Appendix 1. The successful vendor shall be required to supply the individual vests with applicable options and colors as ordered for male or female personnel.

The concealable body armor shall be the Safariland Prism Series – PS-2.2- Spike Level 2 that meets or exceeds the Federal Bureau of Investigations Body Armor Test Protocol and complies with National Institute of Justice (NIJ) Standard 0115.00 Spike 2 Threat Type. Bids based on body armor models made by manufacturers other than Safariland must be clearly identified as

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such; those bidders must include: a male and female sample, full product descriptions, drawings and/or photos, technical specifications, as well as a list of at least (10) law enforcement agencies currently using that model armor for reference with their bid. **Bidders failing to submit this supporting documentation will be rejected from the bid.**

Where the apparent low bidder has proposed an alternate product, that bidder shall demonstrate product equivalency to the satisfaction of the Sheriff's Office. Evidence of equivalency shall be presented for each requirement of this specification, and the burden of such equivalency is entirely on the vendor. Any bidder may be required, at any time during the procurement process, to provide documentation proving compliance with any or all the terms of this specification.

Only body armor models which have been tested by the National Institute of Justice (NIJ) National Law Enforcement Technology Center (NLETC) utilizing the methodology found in the Federal Bureau of Investigations Body Armor Test Protocol and complies with National Institute of Justice (NIJ) Standard PS-1.0 Spike 2 Threat Type (**no exceptions**) will be accepted. **Models certified under earlier standards and grandfathered into compliance will be rejected.**

Bidders offering a product other than Safariland with multiple models as alternatives **will be rejected.** Those bidders offering products other than Safariland must provide test results of any and all threats that exceed National Institute of Justice (NIJ) Standard PS-1.0 Spike 2 Threat Type.

2.0 GENERAL MINIMUM REQUIREMENTS:

The requirements in this specification describe **minimum** acceptable standards for concealable body armor for the Sheriff's Office. The intent is to purchase state-of-the-art concealable body armor with optimum protection with a high degree of wearability. All bidders shall adhere strictly to the requirements stated herein. Compliance, warranties, and/or deviations from this specification are to be noted; a complete justification for any and all deviations is to be furnished in a separate document "**Deviations from Specifications**" and submitted with the bid package. Only products of manufacturers that meet or exceed these specifications will be considered. **Bids from manufacturers other than the specified model must demonstrate product equivalency by submitting full product descriptions, technical specifications, test reports, a complete bid sample - male and female - as well as other requested information set forth in the following specifications. The Sheriff's Office reserves the right to reject any and all bids, to waive any informality in bids and to accept any item in the bid.**

2.1 QUALITY REQUIREMENTS: All materials are to be clean, brand new and free of any defects. All workmanship is to be of first quality. No defect that may affect the performance, wearability, or durability of the vest will be tolerated. The Sheriff's Office shall have the sole right to determine if this and all other requirements have been met.

2.2 ORIGIN OF MANUFACTURE: Only vests assembled entirely by United States citizens or persons who have legally immigrated and/or applied for United States citizenship will be considered for purchase.

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3.0 DESIGN REQUIREMENTS:

The concealable soft body armor described herein is intended for primary use as an undergarment-worn concealably under a uniform or other type of shirt. The stab resistant vest shall consist of two primary components- the STAB RESISTANT PANELS which consist of the stab resistant panels enclosed by a protective STAB RESISTANT PANEL COVER and the VEST CARRIER or "outer-shell".

3.1 GENERAL DESIGN and USER COVERAGE:

The soft body armor must provide maximum practical protective coverage for male and female corrections officers for everyday wear. However, it must not bind or restrict user mobility or wearability. The intent is to provide full wrap or overlap protection of the torso - coverage is to be the maximum available consistent with wearability needs. This is defined as a vest with "full wrap" side panels that "butt fit" at the sides, with no more than 1" gap or overlap design in which the side panel overlaps for the highest degree of coverage. Suitable relief 1-2" should be allowed between the bottom edge of the vest and the duty belt while standing so that no binding occurs when the officer is in a sitting position. Ample relief must be provided in the armpit region for maximum mobility and a 2"-3" scoop neck must be provided to maintain concealability and prevent the armor from showing when worn under a shirt with an open collar.

4.0 STAB RESISTANT PANELS:

This bid is for Safariland Stab Resistant vest model Prism Series PS-2.2- Spike Level 2. The bid specifications for Stab Resistant panels are listed in appendix 1.

5.0 STAB RESISTANT PANEL CARRIER:

Bids for three stab resistant vest carriers must be included by the successful bidder. The carriers are described as Safariland model M1. The bid specifications for the M1 carrier is listed in appendix 2.

6.0 QUALITY CONTROL AND PRODUCT CONSISTENCY:

QUALITY CONTROL PROGRAM AND POLICY: Any manufacturer bid must have a comprehensive Quality Control Program, which includes a written Q.C. Policy and the minimum quality assurance steps shown in 6.2-6.6, below. The manufacturer must also be Quality Certified by an accredited Quality registrar to the ISO 9001 standard. All documents and data must be made available for inspection upon request. **A copy of both the quality control policy and the ISO 9001 certificate of registration must accompany this bid.**

6.1 PRODUCT CONSISTENCY: The manufacturer must warrant that all shipments of each certified model will be identical in design and constructions to that which was originally certified. The manufacturer and NIJ must have retained samples from the original certification for verification and/or inspection. **No substitutions will be allowed without the prior written approval of the Sheriff's Office.**

6.2 SERIALIZATION: All vest must be serialized, 100% inspected, and traceable. All procedures and quality data must be available to the Sheriff's Office for inspection upon request.

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6.3 FIBER AND FABRIC PROPERTIES: Each lot's critical fiber properties (Areal density (lbs/ft²), Thinness (inches), Armor Panel Covering, Armor Material and Configuration and Spike Level 2 Limits) must have been certified by the fiber manufacturer.

6.4 MANUFACTURER PROPERTY CHECKS: The vest manufacturer must also recheck critical fabric properties (Areal density (lbs/ft²), Thinness (inches), Armor Panel Covering, Armor Material and Configuration and Spike Level 2 Limits) of each shipment received prior to its use in manufacturing stab resistant vests.

6.5 CONTINUED PERFORMANCE: The manufacturer must warrant that the NIJ certified model will continue to perform at its established PS-1.0 Spike 2 Threat Limit levels, as demonstrated by independent laboratory tests, within a normal variation of +/-3%, throughout the five year service life of the vest.

6.6 PLANT INSPECTIONS: The manufacturer must allow unannounced plant and data inspections if the Sheriff's Office wishes to conduct them, at any time during or after the production of the Sheriff's Office's vests. (Note: All Sheriff's Office plant visits and/or stab resistant tests will be paid for by the Agency.)

7.0 PRODUCT WARRANTY and CUSTOM FIT:

VEST PERFORMANCE WARRANTY: Assuming normal use and lack of abuse, each stab resistant vest must be warranted to provide protection as stated on the protective panel label and to be free of defects in material and workmanship for a period of **five (5) years** from the date of purchase. Outer carriers must be guaranteed against defects in workmanship for twelve **(12) months** from date of purchase.

7.1 CUSTOM FIT: Each vest must be custom fit and made to measurements. All measurements must be performed by factory trained personnel. If a manufacturer is bidding directly, a detailed service plan for agency fitting and provisions for local customer service must be provided with this bid.

7.2 FIT GUARANTEE: The fit of custom-measured vests must be guaranteed. Bidder and/or manufacturer must agree to provide alterations or replacement free, until the wearer is satisfied. Note: Officer must request alterations within 2 weeks of issue and not mark on vest or carrier prior to satisfaction of fit. After 2 weeks an alteration fee applies.

7.3 PACKAGING: Each vest must be packaged individually in a protective plastic bag and shipped in a specially designed protective cardboard box.

7.4 DELIVERY: Each stab resistant vest ordered should be delivered to the Sheriff's Office by the manufacturer within eight weeks of date of order and no later than 12 weeks from the date of order.

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8.0 INSURANCE REQUIREMENT:

8.1 PRODUCT LIABILITY: Qualified bidders shall agree to provide a minimum of \$10,000,000 (USD) in product liability insurance coverage on delivered vests. *A copy of the manufacturer's liability insurance showing proof of \$10,000,000 (USD) liability insurance must accompany this bid.*

9.0 PROOF OF STABILITY:

Qualified bidders must have an established store with regular business hours. Only manufacturers that have been in business at least three years are eligible.

10.0 REFERENCES:

Upon request, qualified bidders must furnish a list of other agencies that their brand has been supplied to over the past three years.

(Note: Manufacturers may submit this list directly to the Agency. All lists will be held confidential and returned at the end of the bidding process.)

11.0 PROTEST:

Any protest based on the selection and performance criteria of this specification will be disregarded. The agency retains the right to reject any bids based upon non-conformance of the aforementioned detailed specifications.

Name of Bidder_____

Address of Bidder_____

Phone Number_____ Facsimile Number_____

Contact Information_____

E-Mail Address_____ Federal Tax ID#_____

Brand of Body Armor Bid_____

Male Model Description_____ Female Model Description_____

Note any deviations from specifications (if none write "None"): _____

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☐ check here if additional sheets are attached otherwise it is understood that no other documentation is relative.

Individual Item Bid Pricing

Safariland Prism® Series PS-2.2 Spike Level 2 (Male) Vest	\$ _____
Safariland Prism® Series PS-2.2 Spike Level 2 (Female) Vest	\$ _____
Safariland M1 concealed carrier	\$ _____

I certify that the information furnished in this bid package and all accompanying information is truthful and representative of the facts as I understand them. Bid prices are effective immediately upon acceptance by Shelby County and remain in effect for one year.

The County of Shelby, Alabama, reserves the right to extend this contract for two (2) additional 12 month periods if agreed upon by both parties (Shelby County and the supplier or manufacturer awarded the bid).

Printed Name

Signature

Date

Title