

Statement of Work (Draft)
CBP Ballistic Plate Armor
HSBP1017R0025

1. BACKGROUND

- 1.1 US Customs and Border Protection (CBP) has identified a need for rigid, lightweight ballistic plate armor capable of defeating high velocity rifle threats in support of the mission of officers and agents in the various components of CBP. As such, this requirement is for the procurement of ballistic plate armor which offers National Institute of Justice (NIJ) certified Level III ballistic protection in support of the mission of officers and agents within CBP.
- 1.2 This contract shall be awarded and administered by U.S. Customs and Border Protection (CBP).
- 1.3 This contract is for ballistic plates only, no carriers or other accessories are included.

2. SCOPE

- 2.1 The intent of CBP is to contract for National Institute of Justice (NIJ) certified threat level III ballistic plates.
- 2.2 Specifically, three variations of plates shall be included, and will vary depending upon intended use and threat requirements.
- 2.2 All armor make/models must be certified by the NIJ's Compliance Testing Program and listed on the NIJ's current Compliance Product List for NIJ Standard 0101.06.
- 2.3 Front/Back ballistic plates and side plates shall be included.
- 2.8 All armor makes/models shall have a manufacturer's ballistic warranty of **10 years**. Warranty commences at date of acceptance by the Government.

3.0 APPLICABLE DOCUMENTS/STANDARDS:

- 3.1 Ballistic Resistance of Body Armor, NIJ Standard-0101.06, US Department of Justice
- 3.2 NIJ Compliant Product List; <https://tims.justnet.org/Report/BallisticCPL>

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4.0 TECHNICAL AND ADMINISTRATIVE REQUIREMENTS:

4.1 General Ballistic Requirements

- 4.1.1 The standard(s) for testing and performance of ballistic plates submitted for this solicitation shall be those established by the NIJ Standard-0101.06.
- 4.1.2 All ballistic plate make/models submitted for consideration shall be certified by the NIJ to have met the NIJ Ballistic Resistance of Body Armor standard for Threat Level III, and be listed on the NIJ's current Compliance Product List. The Government shall require vendors to provide an NIJ **"Notice of Compliance"** certification letter for all packages submitted for evaluation.
- 4.1.3 Ballistic plates shall remain certified as compliant throughout the life of the contract (including the warranty period which may extend beyond the period of performance of the contract). The NIJ Standard-0101.06 shall be the standard of record.
- 4.1.4 The Government shall require vendors to provide complete NIJ Compliance Test Reports for each make.
- 4.1.5 All additional ballistic testing for requirements described within the SOW, shall take place at an independent NIJ approved laboratory, and shall be at no cost to the Government. Data reports for this testing shall be provided to the Government.
- 4.1.6 Table 4.1.6, below, shows the NIJ test rounds and velocity standards for personal body armor with respect to Threat Level III.

Table 4.1.6

NIJ Threat Level	Round	Reference Velocity
Level III	7.62x51mm FMJ (U.S. Military designation M80)	2780 fps ± 30

- 4.1.7 All ballistic plates must be "stand alone". "In conjunction with" plates are not acceptable.

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4.2 General Requirements

- 4.2.1 There are no separate requirements for front and back plates. They are interchangeable and herein shall be referred to singularly as “front/back” ballistic plates.
- 4.2.2 All additional testing for size, weight, and thickness requirements described within the SOW, shall take place at an independent NIJ approved laboratory, and shall be at no cost to the Government. Certification Letters for this testing shall be provided to the Government.
- 4.2.3 Front/Back ballistic plates shall be available in the following nominal sizes: 8”x10”, and 10”x12”. ESAPI plate sizes do not meet these requirements.
- 4.2.4 Side ballistic plates shall be available in the following nominal size: 6”x6”.
- 4.2.5 Front/Back ballistic plates shall have a “Shooter Cut” to maximize coverage while still allowing for a more comfortable shooting position. Elongated or exaggerated “Swimmers Cut” is **not** acceptable. Chamfer width shall not exceed 3” and chamfer length (height) shall not exceed 4” on 10” x 12” plates. Chamfer radius shall be consistent between 10” x 12” and 8” x 10” plates.
- 4.2.6 Front/Back ballistic plates shall have a multi-curve radius. Single curve radius is **not** acceptable.
- 4.2.7 Side plates shall have a single curve radius. A multi curve radius is **not** acceptable.
- 4.2.8 Ballistic plates shall have a protective sprayed on, polyurea outer coating. Fabric coating or covering of any kind is not acceptable.
- 4.2.9 Ballistic plates shall be serialized for internal control.

4.3 Ballistic Plate 1 Specific Requirements

- 4.3.1 Ballistic plate shall be NIJ Level III.
- 4.3.2 Ballistic plate shall be a front/back configuration.

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- 4.3.3 Ballistic plate shall contain polyethylene fibers. The plate may also include additional ballistic material, such as aramid fiber or foam, provided it still meets weight and NIJ certifications.
- 4.3.4 Ballistic plate (10"x12") weight shall not exceed 2.65 pounds.
- 4.3.5 Ballistic plate thickness shall not exceed 1.20 inches. Thickness shall be calculated using the average of 6 separate measurements, taken at each corner, 2" from each edge.
- 4.3.6 Ballistic plate shall have a V50 velocity at or above 3010 (ft/s)
- 4.3.7 Ballistic plate (10"x12") shall be able to defeat six shots of each of the following additional rounds using a modified NIJ test protocol performed at 0.0° obliquity and ambient range temperature. NIJ back face deformation requirements shall also apply.

Ammunition	Minimum Reference Velocity (ft/s)
7.62x39 123 gr. Mild Steel Core*	2370
5.56x45 M193	3070

*7.62x39 PS Ball ammunition is also acceptable.

4.4 Ballistic Plate 2 Specific Requirements

- 4.4.1 Ballistic plate shall be NIJ Level III.
- 4.4.2 Ballistic Plate shall be a front/back configuration.
- 4.4.3 Ballistic plate shall contain polyethylene fibers with a ceramic layer. The plate may also include additional ballistic material, such as aramid fiber or foam, provided it still meets weight and NIJ certifications.
- 4.4.4 Ballistic plate (10"x12") weight shall not exceed 4.30 pounds per plate.
- 4.4.5 Ballistic plate thickness shall not exceed 1.30 inches. Thickness shall be calculated using the average of 6 separate measurements, taken at each corner, 2" from each edge.
- 4.4.6 Ballistic plate shall have a V50 velocity at or above 3010 (ft/s).

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- 4.4.7 Ballistic plate (10"x12") shall be able to defeat six shots of each of the following additional rounds using a modified NIJ test protocol performed at 0.0° obliquity and ambient range temperature. NIJ back face deformation requirements shall also apply.

Ammunition	Minimum Reference Velocity (ft/s)
7.62x39 123 gr. Mild Steel Core*	2370
5.56x45 M193	3070
5.56x45 M855	3020

*7.62x39 PS Ball ammunition is acceptable.

4.5 Ballistic Plate 3 Specific Requirements

- 4.5.1 Ballistic plate shall be NIJ Level III.
- 4.5.2 Ballistic Plate shall be a side configuration.
- 4.5.3 Ballistic plate shall contain polyethylene fibers. The plate may also include additional ballistic material, such as aramid fiber or foam, provided it still meets weight and NIJ certifications.
- 4.5.4 Ballistic plate (6"x6") weight shall not exceed 1.30 pounds per plate.
- 4.5.5 Ballistic plate thickness shall not exceed 1.30 inches. Thickness shall be calculated using the average of 4 separate measurements, taken at each corner, 2" from each edge.
- 4.5.6 A 10"x12" version of this ballistic plate make/model shall have a V50 velocity at or above 3010 (ft/s).
- 4.5.7 A 10"x12" version of this ballistic plate make/model shall be able to defeat six shots of each of the following additional rounds using a modified NIJ test protocol performed at 0.0° obliquity and ambient range temperature. NIJ back face deformation requirements shall also apply.

Ammunition	Minimum Reference Velocity (ft/s)
7.62x39 123 gr. Mild Steel Core*	2370
5.56x45 M193	3070

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4.6 Serialization

- 4.6.1 All plates shall be serialized.
- 4.6.2 Serialization errors shall be corrected at no expense to the Government.
- 4.6.3 Serialization errors shall be corrected within seven business days after the agency representative notifies vendor, or the vendor receives the affected plate(s) in cases where the serial number needs to be physically changed.
- 4.6.4 Vendor will report via email to the agency representative when errors have been corrected. The email should state the old/erroneous serial number, the new/correct serial number, the name of the officer or agent assigned to the vest, and a description of the corrective action taken.
- 4.6.5 The Government shall be the final arbiter in deciding the correct serial number for a plate when errors occur.

4.7 Barcodes

- 4.7.1 Serial numbers shall be encrypted as barcodes on the NIJ certification labels.
- 4.7.2 Barcodes shall use Code 3 of 9 barcode symbology (also known as Code 39).

4.8 Warranty

- 4.8.1 All ballistic plates shall have a **ten (10) year manufacturer's ballistic warranty**. Warranty time period shall begin upon acceptance of the plates by the government. (Extended warranty coverage provided by resellers is not acceptable.)
- 4.8.2 The vendor shall provide a letter or certificate of warranty issued by the plate manufacturer (for each make/model) indicating a 10 year ballistic warranty.
- 4.8.3 Ballistic plate labels shall also indicate a 10 year warranty period.

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- 4.8.4 Vendor shall be contacted by the Contracting Officer Representative (COR), or an authorized representative of CBP, for all warranty work.
- 4.8.5 The vendor shall provide a return authorization number for all warranty claims.
- 4.8.6 Vendor shall provide a primary point of contact, to include phone number and email address.
- 4.8.7 Vendor shall acknowledge receipt of warranty claims to the government appointed COR within two business days of being notified.
- 4.8.8 Warranty claims shall be remedied at no expense to the government except for shipping to the factory.
- 4.9 Shipping
 - 4.9.1 All items are to be shipped FOB destination.
 - 4.9.2 Shipping locations may be centralized, or may include locations throughout the CONUS, Alaska, Hawaii, and Puerto Rico.
 - 4.9.3 Specific delivery addresses shall be provided at the time of Delivery Order issuance.
 - 4.9.4 Orders containing 30 units or less shall be shipped via ground (unless exempted by the COR). All other orders may be shipped via common carrier freight (palletized).
- 4.10 Delivery Schedule
 - 4.10.1 The delivery schedule will be provided per each individual delivery order.
- 4.11 Production requirements
 - 4.11.1 Government requires that the vendor maintain the capacity to manufacture or acquire the total number of units specified in each individual order.
- 4.12 Vendor performance meetings

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4.12.1 Upon an official request for a meeting, the vendor must, within 48 hours, schedule a meeting that is amenable in time and date to both parties. The location will be determined by CBP.

4.13 Special considerations:

4.13.1 For accountability purposes, the vendor shall provide an electronic list of serial numbers for each delivery order. This shall be done in an excel format (see picture 4.1.11 below) provided to the vendor within 10 days of contract award, be in numerical order, and shall include additional information related to the order (to include vendor's name, vendor's address, delivery order number, invoice number, sales order number [if separate], make/model of ballistic plates, unit cost, quantity, and total cost.).

4.13.2 Excel spreadsheets containing serial numbers shall be forwarded via email to all recipients designated by the COR within one business day of the associated shipment going out.

4.13.3 Shipment specific packing slips shall also contain a list of serial numbers included with that shipment.

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Picture 4.1.11

Vendor Name: Acme Tactical		Vendor Phone Number: 202-555-1212							
Vendor Address: 1313 Mockingbird Lane Creepy, CA 90210									
PO/Acquisition Number: 12345	Invoice Number: 6789	Sales Order: 1011121314							
<hr/>									
Make:	Wilco Co	Model:	X019	Unit Cost:	\$500.00	Qty	5	Total Cost:	\$2,500.00
Serial Numbers:	Wil123	Wil456	Wil789						
	Wil1122	Wil3344							
<hr/>									
Make:	Roger Co	Model:	Y556	Unit Cost:	\$300.00	Qty	3	Total Cost:	\$900.00
Serial Numbers:	Rog123	Rog456	Rog789						
<hr/>									
Make:	Foxtrot Co	Model:	Z762	Unit Cost:	\$400.00	Qty	1	Total Cost:	\$400.00
Serial Numbers:	Fox123								

* Serial numbers should be in numerical order.