

MOBILE COUNTY COMMISSION

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ADDENDUM #1

TO: ALL VENDORS

FROM: Val Rogers
VAL ROGERS-BUYER III
MOBILE COUNTY COMMISSION

DATE: May 5, 2025

RE: BID NO.30-25 MINIMUM OF FIFTEEN HARD ARMOR PLATES AND SIDE PANELS
FOR MOBILE COUNTY SHERIFF'S OFFICE:

Please Review:

1. Please discard the original bid specifications that were sent with the bid due to there being an error in the requested Level of protection stated and replace them with the attached.

Mobile County Commission would like to apologize for any inconvenience this may have caused you.

Bid Specifications for Minimum of Fifteen (15) Hard Armor Plates and Side Panels for the Mobile County Sheriff's Office

1. Hard Armor Plates – BDS H4001-1 (or equal)

General Requirements:

- Model: BDS H4001-1 or equivalent
- Type: Hard Armor Rifle Plates
- Threat Level: NIJ 0101.06 Certified, Level III
- Material: UHMWPE (Ultra-High Molecular Weight Polyethylene)
- Shape: Shooter's Cut (or SAPI cut, based on end-user need)
- Curve: Multi-curve ergonomic design
- Finish: Encapsulated with durable water-resistant coating or sealed in thermoplastic/Polyurea
- Weight: Not to exceed 3.5 lbs per plate (10x12 size)
- Size: 10" x 12" nominal
- Thickness: Not to exceed 1 inch

Performance Standards:

- Must stop the following rounds at minimum:
 - -7.62 x 51mm (M-80 Ball)
 - - 7.62x39mm M43 (MSC)
 - - 5.56x45mm M193 Ball
- Tested in accordance with NIJ 0101.06 or 0101.07 draft protocol

Other Features:

- Drop tested and environmental stress tested (humidity, heat, cold)
- Compatible with standard plate carriers

2. Soft Armor Side Panels for Cummerbund – Compatible with NIJ Level IIIA

General Requirements:

- Type: Soft armor ballistic inserts for cummerbund side pouches
- Threat Level: NIJ 0101.06 Level IIIA
- Material: Woven and/or non-woven aramid or UHMWPE
- Construction: Flexible, edge-sealed with RF or ultrasonic weld

Size & Fit:

- Custom fit for side cummerbund pouches, dimensions typically 5" x 11" or per system requirements
- Thin, flexible, and lightweight (preferably < 1 lb per panel)
- Vendor will be available to come on site for personalized fittings of personnel

Performance Standards:

- Must stop the following rounds:
 - - 9mm FMJ RN (124 gr) at 1,400 fps
 - - .44 Magnum SJHP (240 gr) at 1,400 fps
- Backface deformation: $\leq 44\text{mm}$
- Must meet or exceed NIJ 0101.06/0101.07 protocols for Level IIIA

Other Requirements:

- Water-resistant or sealed interior package
- Must not degrade under normal environmental conditions (humidity, temperature, wear)
- Compatible with MOLLE/PALS cummerbund systems or specified plate carrier models

3. Additional Conditions:

- All armor products must have current ballistic lab certification with valid test data from an NIJ-accredited laboratory.
- Manufacturer must provide a minimum 5-year ballistic warranty and 1-year workmanship warranty.
- Product samples may be required during bid evaluation.
- Delivery timeline must not exceed 90 days ARO (After Receipt of Order).