

ANNEX B RATED CRITERIA

Workmanship and Construction (Rated – 72 points)

The samples submitted will be rated for workmanship and construction as follows:

A) Ballistic Protective Panels = 9 points

Material within the Panel:

No visible drill holes	1 point
All edges finished, not frayed	1 point

Ballistic Panel Covering

Straight, even edges	1 point
No weak spots or signs of separating	1 point
Hook and loop tape fasteners are well attached to garment	2 points

Panel appearance and fabric quality

No fabric defects, no weak spots, no tears or holes	1 point
No pulled threads or knots	1 point
No discolouration, no streaking or fade lines or other blemishes	1 point

B) Backface Signature = 10 points

Offerors submitting Proposals on Ballistic Protective Panels that have a Backface Signature (BFS) less than 0.44mm and are NIJ certified shall receive additional points in accordance with the formula below:

The offer with the lowest millimetre measurement of all offers submitted will receive 100% of the points available, or 10 points, and will be set as the standard against which all other offers are evaluated.

For example: the lowest millimetre measurement of all received offers is 0.30 mm. This offer would receive 10 of 10 points. The next lowest millimetre rating received is 0.38 mm. The points received for this rating are determined as follows:

$$\begin{array}{c}
 0.14 \left\{ \begin{array}{c} 0.06 \left\{ \begin{array}{c|c|c} 0.30 & = & 10 \text{ points} \\ 0.38 & = & X \text{ points} \\ 0.44 & = & 0 \text{ points} \end{array} \right\} X \text{ points} \right\} 10 \text{ points} \\
 \\
 \frac{0.06}{0.14} = \frac{X \text{ points}}{10 \text{ points}} \\
 \\
 \frac{0.06 \times 10}{0.14} = X \text{ points} \\
 \\
 0.38 \text{ mm} = 4.28 \text{ points}
 \end{array}
 \right.
 \end{array}$$

The offer with a BFS rating of 0.38 mm would score 4.3 points out of a possible 10.

C) External Carrier = 9 points

External Carrier Construction

Hook and loop tape fasteners are well attached to garment	1 point
Name tag applied straight and affixed securely	1 point
Microphone attachment applied straight and affixed securely	1 point
Slide fasteners close and open easily and align	1 point
No pulled threads or knots	1 point
Flap easily inserted and removed	1 point
Suspension assembly assembled correctly and affixed securely	1 point
No discolouration, no streaking or fade lines or other blemishes	1 point
Fabric, thread and components colour compatible	1 point

D) Internal Carriers = 6 points

Internal Carrier Construction

Hook and loop tape fasteners are well attached to garment	1 point
Suspension assembly assembled correctly and affixed securely	1 point
No discolouration, no streaking or fade lines or other blemishes	1 point
No pulled threads or knots	1 point
Fabric, thread and components colour compatible	1 point
Garment does not ride up and chafe the wearer	1 point

E) Stitching = 9 points

The stitches are straight and uniform	1 point
There are no loose threads	1 point
The stitches are even and consistent throughout garment	1 point
There are no visible broken threads	1 point
There are no skipped threads	1 point
There are no thread clusters	1 point
There are no conspicuous overlapped stop-and-start stitching	1 point
The stitches do not cut the fabric, break or crack on stretching	1 point
No hand repairs or darning	1 point

F) Seams = 6 points

There is no puckering, wavering or curling	1 point
The seams are straight	1 point
The seams are even	1 point
There is no pleating	1 point
No open unstitched seams	1 point
No extraneous part of garment caught in seam	1 point

G) Labels = 1 point

Labels affixed straight	1 point
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H) Appearance of Ballistic Personal Soft Body Armour System = 12 points

The overall appearance represents quality workmanship and construction	4 points
The panels fit properly in the external carrier and lie flat	4 points
The panels fit properly in the internal carrier and lie flat	4 points

I) Areal Density = 10 points

The Areal Density evaluation will be conducted in the same manner as for the Backface Signature. The maximum allowable areal density is 0.96 lbs/ft². The offer with the lowest rated areal density will be awarded 100% of the available points, or 10 points, and will be set as the standard by which all other offers will be evaluated.

For example: the lowest areal density submitted by offer is 0.78 lbs/ft². This offer would receive 10 points. The next lowest rated areal density is 0.85 lbs/ft². The points would be awarded as follows:

0.78	=	10 points
0.85	=	X points
0.96	=	0 points

$$\frac{0.11}{0.18} = \frac{X \text{ points}}{10 \text{ points}}$$
$$\frac{0.11 \times 10}{0.18} = X \text{ points}$$
$$0.85 \text{ lbs/ft}^2 = 6.11 \text{ points}$$

The offer with an areal density rating of 0.85 lbs/ft² would be awarded 6.1 points out of a possible 10.