

REQUEST FOR QUOTATION No. UKRKI/RFQ/2023_153

ANNEX A – TECHNICAL SPECIFICATIONS

FOR THE SUPPLY, DELIVERY, AND INSTALLATION OF SHATTER RESISTANT FILMS (SRF) FOR THE UNHCR UKRAINE

MINIMUM ACCEPTABLE SPECIFICATIONS	
No.	Bidders may offer items with similar or higher specifications. For items which are no longer being manufactured or are already obsolete, bidders may provide alternative/substitute items.
1	SHATTER RESISTANT FILM (SRF)
a	Products offered should consist of quality brands such as 3M, Du Pont, Llumar or similar. Other names for SRF: Anti-Shatter Film (ASF); Anti-Fragmentation Film (AFF); Fragment Retention Film (FRF); Blast Protective Film (BPF).
b	Estimated Quantity Approximately: 7100 m² The actual quantity will be measured after the installation upon request.
2	TECHNICAL SPECIFICATIONS
a	Installation Method Daylight. The potential supplier must guarantee the performance of their product after installation meets the core requirements specified in this table. Only qualified staff is recommended to install SRF. Any training cost must be specified separately in the financial bid.
b	Explosive Test Data The Bidder shall submit a test report summary in accordance with ASTM F1642, GSA TS01-2003 showing that the proposed film product has been tested for exposure to blast pressures and shown to retain the vast majority of fragments. The manufacturer shall submit all explosive testing results carried out in the series, whether considered successful or otherwise. Tests shall have been conducted under a blast load with a minimum peak pressure of 4 psi and a minimum positive phase impulse of 28 psi-msec.
c	Thickness 8 mils (0.203 mm) thick (excluding adhesive or release liner)
d	Construction The SRF must be constructed from multi-ply (micro-layered) laminate polyester.
e	Breaking Strength 220 pounds/inch minimum, tested in accordance with ASTM D882 or equivalent.
f	Tensile Strength 28,000 psi, tested in accordance with ASTM D882 or equivalent.
g	Adhesion Peel strength of at least 2,000 grams/ inch, tested in accordance with ASTM D3330 or equivalent, must be achievable when applied in accordance with manufactures instructions.
h	Fire Safety Fire safety characteristics must be defined in accordance with ASTM E84 or equivalent.
i	Product life The SRF must be provided with at least seven years of warranty which covers SRF against peeling, cracking, discoloring, or failing to perform in accordance with any of the characteristics defined in this paper as a core requirement.
j	Size SRF shall be available in roll widths of not less than 4-feet in order to minimize joints.
k	Color Clear (transparent)
3	FUNCTIONAL SPECIFICATIONS - The SRF must mitigate deliberate threats, such as:
a	Blast.
b	Accidental impacts.
c	Breaks from burglary or illegal intrusion.
d	Windstorms.
e	Spontaneous glass breakage due to environmental conditions.
f	Solar and heating control.

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Approx needs for SRF (Offices and staff accomodation) for 2023-2025								
Location:	Kyiv	Dnipro	Poltava (+Kharkiv)	Vinnytsia	Odesa	Chernivtsi	Lviv	Uzhgorod
For Offices	1000.00	300.00	100.00	500.00	250.00	100.00	300.00	50.00
For Staff accomodation	2000.00	1500.00	150.00	100.00	100.00	50.00	500.00	100.00
Total by location	3000.00	1800.00	250.00	600.00	350.00	150.00	800.00	150.00
Total	7100.00							

No.	OTHER SUPPORTING DOCUMENTS	
	Please provide below supporting documents in Annex B of this RFP.	
1	SHATTER RESISTANT FILM (SRF)	
a	Product Certification	Provide a copy of product certification to confirm the specifications based on international standards.
b	Authorized Dealer/Applicator (ADA)	Bidders are required to provide documentation showing that the company is an authorized dealer of the manufacturer.
c	Quality Control Certificate	The bidder must obtain from the manufacturer a quality control certificate.
d	Detailed Description	(e.g. brand and model, width of the roles, characteristics, specifications, features, etc.) Failure to submit the detailed description of the products being offered may result in disqualification from the evaluation process. Accordingly, to ensure that sufficient information is available, the Bidder shall furnish, as part of the Bid, any descriptive material (datasheets, brochures) such as extracts, descriptions, and other necessary information it deems would enhance the comprehension of its offer.
e	Delivery Lead-time:	In order for UNHCR to have an idea of the expected delivery of the goods, Bidders should indicate how many days it will take for the supply and completion of the installation upon receipt of order confirmation. INCOTERMS: The International Chamber of Commerce INCOTERMS 2010 shall apply for this ITB and for any resulting purchase orders(s). The applicable INCOTERM shall be: DDP (Delivery Duty-paid). <u>UNHCR Offices located in Kyiv, Lviv, Poltava (+Kharkiv), Odesa, Chernivtsi, Dnipro, Vinnytsia and Uzhgorod.</u>
f	Warranty	Bidders are required to provide terms of warranty on (manufacturing) defects and liability period of Seven (7) years covering SRF against peeling, cracking, discoloring or failing to perform in accordance with any of the characteristics defined in the detailed description as a core requirement.
g	After-Sales Service	Bidders should include the <u>confirmation of availability of after-sales service (repair & maintenance services) and existing</u>

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		<u>company representation (or a local partner) in the delivery location or in the region.</u>
h	Country of Origin of the Supplier and Place of Manufacture	The technical offer shall state <u>the country in which the supplier is registered</u> as well as <u>the country and place of manufacture of the products.</u>