

Technical specifications

[This table shall be filled in by *the tenderer* in columns 2, 3, 4, 6, 7, and by the contracting authority - in columns 1, 5]

Procurement procedure number: <i>The information can be found in SIA RSAP.</i>
Purpose of the purchase: <i>Biometric data collection equipment</i>

Name of goods/ services	Name of the model of goods/ services	Country of origin	Manufacturer	Full technical specification required by the contracting authority	Full technical specification proposed by the tenderer	Reference standards
1	2	3	4	5	6	7
Goods/services						
1.1 Integrated station Desk Identity Management	Seamless Desk Identity Management	Portugal	Vision-Box	<p><i>In accordance with the technical requirements set out in the Annex to the Procurement Notice</i></p> <p><i>Reference standards: ICAO Doc 9303,</i></p>	<p>Face Image Acquisition and Processing</p> <p>Resolution:</p> <ul style="list-style-type: none"> 4224 x 3156 pixels (13 Megapixel) <p>Distance range:</p> <ul style="list-style-type: none"> 0.60m to 1.5m <p>Height Adjustment:</p> <ul style="list-style-type: none"> Automatic adjustment Height adjustment speed: 300mm/s Height range: 350mm Height coverage: 1.2m to 2.0m <p>Illumination:</p> <ul style="list-style-type: none"> Integrated diffuse light with dynamic ambient light intensity adjustment 	<p><i>Reference standards:</i></p> <p>1) ISO 27001 Information Security Management System</p> <p>2) ISO 14001 Environment Management System</p> <p>3) ISO 9001 Quality Management System</p> <p>4) CE (Conformite Europeene) Certification</p> <p>5) European Union LVD (Low Voltage Directive) Compliance</p>

				<p><i>NIST,SMV ISO/IEC 19794- 5:2011 and BioAPI on methodology for data collection and analysis of biometric documents</i></p>	<ul style="list-style-type: none"> • 4 independent quadrants compensate for differences in light source direction (e.g. window nearby or roof lamps) • Light colour: 6000-6500K white <p>User guidance:</p> <ul style="list-style-type: none"> • Coloured light ring around the camera with effects <p>Biometric algorithms:</p> <ul style="list-style-type: none"> • Proprietary face detection, quality analysis and capturing algorithm <p>User display Screen size:</p> <ul style="list-style-type: none"> • 7" landscape <p>Aspect ratio:</p> <ul style="list-style-type: none"> • 5:3 <p>Resolution:</p> <ul style="list-style-type: none"> • 800 x 480 <p>Display colours:</p> <ul style="list-style-type: none"> • 16.7 million (24 bits) <p>Luminance:</p> <ul style="list-style-type: none"> • 520 cd/m2 <p>Touchscreen:</p> <ul style="list-style-type: none"> • Capacitive technology <p>User Guidance:</p> <ul style="list-style-type: none"> • Instructions to user on how to properly use the device <p>Officer guidance Status semaphore:</p> <ul style="list-style-type: none"> • Light positioned at the top of the unit • 360° visibility 	<p><i>6) European Union EMCD (Electromagnetic Compatibility Directive) Compliance</i></p> <p><i>7) European Union RoHS (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment) Compliance</i></p> <p><i>8) European Union WEEE (Waste Electrical and Electronic Equipment) Compliance</i></p> <p><i>9) ICAO Doc 9303 Compliance</i></p> <p><i>10) NIST, ISO/IEC 19794-5:2011 and BioAPI (methodology for data collection and analysis of biometric documents) Compliance</i></p>
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					<p>Fingerprint readers Configuration: <ul style="list-style-type: none"> • 2 x single-fingerprint scanners Optical scanning area: <ul style="list-style-type: none"> • 25 mm x 18 mm Scan resolution: <ul style="list-style-type: none"> • 500 DPI Grey scale: <ul style="list-style-type: none"> • 8 bit, 256 grey levels Quality standards: <ul style="list-style-type: none"> • CE, BSI-TR-03104, BSI-CC-PP-0062-2010, FBI-PIV, FCC Part 15 Subpart B Class A Signature pad Display type: <ul style="list-style-type: none"> • F-STN Cover plate surface: <ul style="list-style-type: none"> • Tempered glass Native resolution: <ul style="list-style-type: none"> • 320 x 200 pixels Reading technology: <ul style="list-style-type: none"> • Electromagnetic Resonance (EMR) Active area size: <ul style="list-style-type: none"> • 96 x 60 mm Coordinate resolution: <ul style="list-style-type: none"> • 2540 lpi / 0.01 mm/pt (non-interpolated) Coordinate accuracy: <ul style="list-style-type: none"> • ± 0.5 mm (centre) Report rate: <ul style="list-style-type: none"> • 200 points per second (non-interpolated) </p>	
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					<p>Pressure levels:</p> <ul style="list-style-type: none"> • 1024 (non-interpolated) <p>Electrical characteristics</p> <p>Electrical ratings:</p> <ul style="list-style-type: none"> • 24V DC @ 5A <p>Power supply:</p> <ul style="list-style-type: none"> • External 110V-230V AC to 24V DC • Power button on back of the equipment <p>Data interface:</p> <ul style="list-style-type: none"> • Ethernet 1Gbps <p>Compliance:</p> <ul style="list-style-type: none"> • CE, RoHS <p>Physical characteristics</p> <p>Dimensions:</p> <ul style="list-style-type: none"> • Height: 894 mm • Width: 310 mm • Depth: 387 mm <p>Weight:</p> <ul style="list-style-type: none"> • 20Kg <p>Materials:</p> <ul style="list-style-type: none"> • Painted steel • Acrylic <p>Interfaces for external devices:</p> <ul style="list-style-type: none"> • 1x HDMI • 3x USB • 1x RJ45 ethernet <p>Installation:</p> <ul style="list-style-type: none"> • Desktop <p>Security:</p> <ul style="list-style-type: none"> • Internal components protected by screwed cover 	
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					<ul style="list-style-type: none"> • Back cabling interface protected by a screwed cover, power button on the back of the equipment <p>Operating Conditions Temperature:</p> <ul style="list-style-type: none"> • Operation: 10° C to 30° C • Storage: 0° C to 40° C <p>Humidity:</p> <ul style="list-style-type: none"> • Operation: 20% to 80% RH non-condensed • Storage: 10% to 90% RH non-condensed 	
1.2 Illuminated Backdrop, fully compatible with Integrated operator workstation	Mini Illuminated Backdrop	Portugal	Vision-Box		<p>Background Screen Total Heigh:</p> <ul style="list-style-type: none"> • From 1.3 m to 1.7 m <p>Illuminated Screen dimensions:</p> <ul style="list-style-type: none"> • Height: 1.2 m • Width: 0.6 m <p>Screen Backlight:</p> <ul style="list-style-type: none"> • Lighting screen: matte finish • Lighting technology: LED • LED light temperature: from 4000 K to 4500 K • LED Power: 4.8 W/m • LED lighting angle: 120 degrees • Screen power: external 220 V (power adapter included) 	

Cu stimă,
Ofertant/candidat - Asociații S&T MOLD S.R.L (Lider de asociere) și VISION BOX S.A. (Asociat).
Persoana împuternicită Andrei Cojocari, Chief Commercial Officer
Data completării: 10.04.2024

Semnăt: _____