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RFQ:

Sıra /
Item No

İstekler / Requirements

Cevap / Teklif edilenler / Answers

Technical specification

No.	Description of requirement	Comply Yes/No	Tenderer to fill in description of requirement fulfilment, reference to document, notes	
1.	Subject of public procurement			
1.1.	Purchase of belt loader type aircraft cargo loaders, their accessories, equipment (hereinafter as the Equipment) and warranty services.	Yes		
2.	Capability requirements			
2.1.	The Equipment must be able to perform the following tasks throughout the year for the aircrafts during their stand in the airfield:	Yes		
2.1.1.	loading and unloading narrow and wide body airframe manned and unmanned military aircrafts,	Yes		
2.1.2.	reloading of baggage and parcels on the airfield.	Yes		
3.	General requirements			
3.1.	The technical requirement description (hereinafter TRD) is the description of minimum requirements of the Equipment.	Yes		
3.2.	Industry best practice principles to follow in cases not clearly regulated.	Yes	Where available and applicable.	
3.3.	The Equipment and its equipment must comply with corresponding standards and regulations applicable to procurement item.	Yes		
3.4.	ISO 9001 or similar quality management system is implemented for manufacturing of the Equipment. Copy of valid certificate shall be provided.	Yes	Ref:	
3.5.	ISO 14001 or similar environmental management system is implemented for manufacturing the Equipment. Copy of valid certificate shall be provided.	Yes	Ref:	
3.6.	The Equipment must comply with the requirements of International Standardization Organization (ISO) standard 6966 Aircraft ground equipment or equivalent standard.	Yes	The belt loader will comply with AHM standards.	
3.7.	The deliverable equipment must be unused, date of production not older than previous year prior to order. Confirmation document shall be provided.	Yes		



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3.8.	Acceptance of the vehicle takes place in the Procurers location at Ämari Airbase, Lääne-Harju vald, 76102, Harju maakond.	Yes		
3.9.	The Equipment is delivered in complete and ready to use condition, all the tools and accessories are located in their designated places, transport packaging and unnecessary labelling removed.	Yes		
3.10.	For acceptance, equipment lubricating and cooling liquids are at operational levels.	Yes		
3.11.	For acceptance, equipment fuel is at least 50% filled.	Yes		
3.12.	The spare parts (or substitutes) availability for the Equipment shall be confirmed from the day of final at site acceptance for a period of not less than 10 years. Confirmation document shall be provided.	Yes	Ref: Confirmation document shall be provided before Contract signature.	
3.13.	The Tenderer presents list of spare parts and consumables with expected price and prognosed delivery times not later than the day contract is agreed.	Yes	Ref: It will be provided before Contract signature.	
4.	Coating and marking requirements			
4.1.	English language is used on the Equipment decals, labels, signs, switches, controls, displays, operating instructions etc. markings.	Yes		
4.2.	The calibration of instruments and the labelling or marking of controls, switches, lockers or other locations shall be in the Si-units.	Yes	Where available and applicable.	
4.3.	Labelling and user instructions can be pictograms and drawings.	Yes	Where available and applicable.	
4.4.	Emergency operating instructions are in Estonian language or graphically described.	Yes		
4.5.	Exact design and location of labelling shall be co-ordinated with the Procurer prior application.	Yes		
4.6.	Aluminium, stainless steel and plastic material hatches, equipment and connections are not painted if they are corrosion and UV radiation resistant.	Yes		
4.7.	Protective coatings that chip, crack, or scale with age or extremes of climatic conditions or when exposed to heat shall not be used.	Yes		



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5.	Documentation requirements	
5.1.	Documentation in Estonian and English, including delivery of digital files on USB or equivalent data carrier, sealed in a moisture-proof plastic bag is delivered with the equipment. Documentation contains at least following:	Yes All documentations will be in English.
5.1.1.	2 pcs – equipment and appliances user manual in English or Estonian;	Yes All documentations will be in English.
5.1.2.	2 pcs – moisture proof “pocket guide” for troubleshooting and emergency instructions in Estonian and English;	Yes All documentations will be in English.
5.1.3.	2 pcs – equipment and appliances maintenance manual in English or Estonian;	Yes All documentations will be in English.
5.1.4.	2 pcs – vehicles, equipment and appliances spare parts list in English;	Yes
5.1.5.	2 pcs - General arrangement drawing of the equipment with main dimensions in English;	Yes
5.1.6.	2 pcs – loader transmission and command drawings in English;	Yes
5.1.7.	2 pcs – equipment greasing points diagram in English.	Yes
5.2.	The Equipment user manuals comply with international standard EVS-EN IEC/IEEE 82079-1:2020 or equivalent standard requirements.	Yes
6.	Warranty service requirements	
6.1.	Tenderer will grant a warranty for all the Equipment of at least 2 years.	Yes
6.2.	Tenderer will grant a warranty of at least 6 months for repair works and 12 months for installed spare parts.	Yes
6.3.	Maintenance and repair works will be generally performed at the contracting authority’s location in Ämari Airbase, Lääne-Harju Parish, 76102, Harju County.	Yes
6.4.	In the event that a component of the equipment, without which the equipment is inoperable, needs to be brought to the Tenderer's location for warranty repair or maintenance, the Tenderer will install a replacement component or find an equivalent solution to maintain capabilities.	Yes
7.	User training	



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7.1.	Tenderer will perform the Equipment user training for at least twenty (20) representatives of the Procurer at the Procurer's location.	Yes		
7.2.	Tenderer presents for acceptance to Procurer and/or its authorised representative all training time schedules and related documents at least 10 working days prior to tests.	Yes		
7.3.	User training must include at least:			
7.3.1.	Safe operations and safety	Yes		
7.3.2.	Environmental protection	Yes		
7.3.3.	Equipment working principles	Yes		
7.3.4.	Actuation of equipment	Yes		
7.3.5.	Equipment operational readiness check	Yes		
7.3.6.	Maintenance after use	Yes		
7.4.	Tenderer will perform equipment maintenance training for at least two representatives of the contracting authority.	Yes		
7.5.	Maintenance training must include at least:			
7.5.1.	Fault finding	Yes		
7.5.2.	Fault correction	Yes		
7.5.3.	Spare parts replacement	Yes		
7.5.4.	Ordering spare parts	Yes		
7.5.5.	Maintenance intervals	Yes		
8.	Equipment requirements			
8.1.	Equipment shall be operational without additional modifications from -30° to +40°.	Yes		
8.2.	Belt loader			
8.2.1.	Loader must comply with SAE ARP1836 standardi Aircraft Cargo Conveyor or equivalent standard requirements.	Yes		
8.2.2.	Loader has aircraft approach assistant and collision risk reduction system or equivalent option.	Yes		
8.2.3.	Length of the Loader not more than 8000 mm.	Yes	7500 mm	
8.2.4.	Width of the Loader not more than 2500 mm.	Yes	2200 mm	
8.2.5.	Loader has belt loader lifting platform which position is adjustable.	Yes		
8.2.6.	Lifting platform can lift weight of at least 400 kg.	Yes		
8.2.7.	Lifting platform height can be adjusted from front end in range of at least 1200-	Yes	1140 mm @ -4° 4100 mm @ +24°	



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	4100 mm, to level it with aircrafts cargo deck.			
8.2.8.	Lifting platform can be adjusted from the rear end in range of at least 550-1000 mm, to level with the baggage dolly.	Yes	1630 mm @ -4° 430 mm @ +31° 1300 mm @ +24°	
8.2.9.	Conveyor can be controlled without the operator exiting the cabin and from the booms ends.	Yes	Boom up/down operations will be perform form driver's cab. Belt F/R movement operations will be performed from the control panels located on boom ends.	
8.2.10.	Lifting platform has detachable railing on at least one side.	Yes	Left side: 890 mm height fixed handrails with telescopic front rails. Right side: 150 mm height foldable guiderails.	
8.2.11.	Lifting platform has rubber or equivalent material fenders in front and at the back.	Yes		
8.2.12.	Loader superstructure is painted orange with RAL or equivalent standard tone 2011.	Yes		
8.2.13.	Loader chassis frame, rims, springs and other undercarriage parts shall be jet black, RAL or equivalent standard tone 9005.	Yes		
8.2.14.	Loader has liquid cooled diesel or equivalent internal combustion engine powertrain.	Yes	Perkins 404D-22, Diesel, Water Cooled, 4 Cyl., Stage IIIA, 36.3 kW @ 2800 rpm	
8.2.15.	Loader has electrical engine pre heating which can operate from 230 V/50 Hz powergrid.	Yes	A heater will be provided on the coolant radiator to heat up the coolant inside the radiator.	
8.2.16.	It must be possible to use fuels which are compliant with EN 590, STANAG 7090 or an equivalent standard.	Yes		
8.2.17.	Loader shall be equipped with start aid connector in an easily accessible location. Connector type "Type 1" according to STANAG 4074 Ed. 3.	Yes		
8.2.18.	Loader is equipped with maintenance free batteries.	Yes	Standard Automotive type lead-acid battery will be provided.	
8.2.19.	There shall be one (1) starter battery charger 230 V / 50 Hz installed.	Yes		
8.2.20.	Fuel tank capacity is sufficient to ensure continuous working period of at least 8 h.	Yes		



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8.2.21.	Loader shall have automatic or equivalent transmission with a selectable option for towing the vehicle itself.	Yes	Graziano PST2 Electrically controlled Power-Shift Transmission with Torque Converter. 1 Speed FRW with "Turtle Mode" and 1 Speed REV.	
8.2.22.	Loaders top speed without load is at least 25 km/h.	Yes		
8.2.23.	Steering system shall have power assist.	Yes	Hydraulic power steering.	
8.2.24.	Tires are suitable for throughout the year operations on airfield traffic area surfaces (concrete, asphalt etc.)	Yes		
8.2.25.	Loader has one spare wheel with tools required to replace the wheel.	Yes		
8.2.26.	Spare wheel and tools doesn't need to be attached to the Loader.	Yes		
8.2.27.	Loader is equipped with positioning, driving, indication and brake lights.	Yes		
8.2.28.	At least 4 LED additional work lights are installed on the cabin roof illuminating in front and to the back of the Loader.	Yes		
8.2.29.	Work light intensity of at least 4500 lumen.	Yes	Projectors will be 4500 lumen.	
8.2.30.	Work lights are switched from the cabin and independent from other lights.	Yes		
8.2.31.	At least one amber visibility light as per European Aviation Safety Agency (EASA) regulations	Yes		
8.2.32.	Loader is equipped with reverse buzzer.	Yes		
8.2.33.	Tow hitches for towing of the loader are installed in front and at the back of the Loader.	Yes		
8.2.34.	Loader has weatherproof single person cabin.	Yes		
8.2.35.	Cab shall be equipped with combined heating and air conditioning system.	Yes		
8.2.36.	Side windows can be opened.	Yes		
8.2.37.	Window washers for front and back windshields.	Yes		
8.2.38.	Window wipers for front and back windshields.	Yes		
8.2.39.	Sunscreen for at least front windshield.	Yes		
3.2.40.	Back view mirrors on both sides of the cabin.	Yes	The right-side mirror will be on the chassis.	
3.2.41.	Seat covers are made of dark coloured, wear resistant and easily maintainable material.	Yes		



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3.2.42.	Safety equipment and fire extinguisher.	Yes		
3.2.43.	Loader has control panel in location clearly visible for the driver with at least the following functions:	Yes		
3.2.43.1.	Fuel level indicator,	Yes		
3.2.43.2.	Running hours indicator,	Yes		
3.2.43.3.	Engine temperature indicator,	Yes		
3.2.43.4.	Engine oil pressure indicator,	Yes		
3.2.43.5.	Speedometer,	Yes		
3.2.43.6.	Emergency stop switch,	Yes		
3.2.43.7.	Controls of the lifting platform.	Yes		