



ANNEX "A" TECHNICAL DESCRIPTION

MARKET RESEARCH FOR THE SUPPLY OF TRAINING EQUIPMENT - AIRCRAFT **KIT No. 5430 – 2025 – 05 - 433**

Technical description of the supply of a small aircraft kit to the HAI S.A for educational purposes

The purpose of this technical description is to define the requirements regarding the aircraft kit to be used for the training tasks to be performed during the HAI training program. The description does not exclude technically superior solutions but defines the minimum requirements that should be implemented by the contractor.

Regarding the use of the aircraft kit, the aim is to achieve a complete and smooth educational process for the effective transmission of the required knowledge. The supply of a small Aircraft Kit, suitable for assembly and disassembly for educational purposes, should have some specifications listed below, while prospective contractors for the supply should be aware that if they have similar or better technical characteristics, they can submit their offer, as long as they highlight any differences or suggestions.

The equipment must meet teaching requirements such as:

- Machining, creation of construction drawings (CAD / CAM), assembly and maintenance of mechanical equipment, use of mechanical equipment, etc.
- Electrical and electronic circuit connections and troubleshooting electrical problems.
- Installation, calibration and troubleshooting equipment.
- Assembly, riveting, rigging, cabling and maintenance work.

The additional features that should be included in this supply are indicatively the following:

- Long-term Equipment Use: Ideal for repetitive assembly/disassembly and maintenance tasks.
- Multiple Workgroups: Allows multiple teams to work simultaneously on interrelated tasks.
- Complete Documentation: Includes manuals and detailed technical drawings so that students can perform machining operations.
- Aeronautical Documentation: Accompanied by all records relating to the construction, operation and Airworthiness of the aircraft according to FAA.
- Ease of Repair: Components can be repaired or rebuilt in-house.
- Adaptability: the Equipment is suitable for use by students with different skill levels.
- Accompanying Tools: There should be the possibility of purchasing assembly tools in a second phase or methods and possibilities for their supply should be proposed (e.g., suppliers that provide the required tools for the specific aircraft kit)
- Significant Duration of Work: Offers approximately 600 man-hours of educational value or more

The equipment will be stored in the Education Directorate's shed, ensuring its safety and easy access for students. Students will also be able to be trained in the proper storage and management of special equipment.



HELLENIC AEROSPACE INDUSTRY S.A.

The following is an example of a quote that describes in detail the individual parts of the equipment included, where the prospective supplier can add the number of pieces and the cost per unit.

| DESCRIPTION |
|---|
| ONX-STD-VW+ Lights+Inst+Prop+Uph |
| Onex Complete Airframe Kit |
| Gear Configuration: Standard (Taildragger) |
| Engine Configuration: VW |
| Spare Canopy (Required for International Orders) |
| SubSonex Aveoflash PowerBurst 3-in1 Position/Nav/Strobe LED Lights. Set of 2 |
| Sonex/MGL Stratomaster Blaze Color Singles Package for AeroVee |
| RDAC-XF-MAP |
| Sonex/MGL Stratomaster iEFIS Explorer 8.5" Package for AeroVee |
| Trig Mode S - ADS - B Out Package |
| MGL Autopilot Servos (2) and Harness |
| Stratomaster V16 Remote Mount Radio |
| Vega 2 1/4" Control for MGL V16 Com Radio |
| Razor 3-1/8" Touchscreen Control for MGL V16 Com Radio |
| MGL Avionics Headset |
| Sensenich Wood Prop-AeroVee-VW |
| Sonex/Waiaex/Onex |
| Prop Body Color: Choose from Natural Wood Finish with Red Tips, All Black Finish, or Black Finish with White Tips |
| Sensenich Composite Prop-AeroVee-VW-W54JV5L-44G |
| Sonex/Waiaex/Onex |
| Prop Body Color: Choose from White, Red, Black, Yellow, or Gray |
| Prop Body Color: Choose from White, Red, Black, Yellow, or Gray |
| Onex Black Cordura Nylon Upholstery Package (Includes Seat Bottom and Seat Back) |
| MCS |