# *ANNEX II + III:* TECHNICAL SPECIFICATIONS + TECHNICAL OFFER

**Contract title:** **Procurement of Airboat and field equipment for project BirdPROTECT-B2 p 1 /…**

**Publication reference:** **HUSRB/1903/12/0049-B2-6.1.**

**LOT 1 - Airboat**

**Columns 1-2 should be completed by the contracting authority**

**Columns 3-4 should be completed by the tenderer**

**Column 5 is reserved for the evaluation committee**

Annex III - the contractor's technical offer

The tenderers are requested to complete the template on the next pages:

* Column 2 is completed by the contracting authority shows the required specifications (not to be modified by the tenderer),
* Column 3 is to be filled in by the tenderer and must detail what is offered (for example the words ‘compliant’ or ‘yes’ are not sufficient)
* Column 4 allows the tenderer to make comments on its proposed supply and to make eventual references to the documentation

The eventual documentation supplied should clearly indicate (highlight, mark) the models offered and the options included, if any, so that the evaluators can see the exact configuration. Offers that do not permit to identify precisely the models and the specifications may be rejected by the evaluation committee.

The offer must be clear enough to allow the evaluators to make an easy comparison between the requested specifications and the offeredspecifications.

| **1.****Item number** | **2.****Specifications required** | **3.****Specifications offered** | **4.** **Notes, remarks, ref to documentation** | **5.****Evaluation committee’s notes**  |
| --- | --- | --- | --- | --- |
| **1** | **Airboat- flat-bottomed boats propelled forward by a fan or propeller+boat trailer****Quantity: 1 unit****Technical requirement:** |  |  |  |
| Boat type | Airboat (planeboat, swamp boat, or fanboat) propelled by an aircraft-type propeller.  | Boat type |  |
| General requirement | In republic Serbia, able to pass an authorized technical inspection and be able to get the official registration number (license number) of the vessel | General requirement |  |
| Technical documentation on shipbuilding (ship construction, engine, and other mechanical or electronic parts) | Yes | Technical documentation on shipbuilding (ship construction, engine, and other mechanical or electronic parts) |  |
| Bottom type | flat-bottom | Bottom type |  |
| Length f.t. | min 5500 – max 6500mm | Length f.t. |  |
| Length of craft | min 5400 – max 6300mm | Length of craft |  |
| Width | min 2200 – max 2480mm | Width |  |
| Boat hull material | Aluminium  | Boat hull material |  |
| Maximum height | 2850 mm | Maximum height |  |
| Dry weight approx. | min 300 – max 500 kg | Dry weight approx. |  |
| Engine Type | Lyncoming or Continental 6 cyl AVIO 4-stroke, petrol | Engine Type |  |
| Engine Capacity | min 3000 – max 10000 cc. (3 - 10 l) | Engine Capacity |  |
| Engine Cooling | air/liquid | Engine Cooling |  |
| Max power over | 200 HP/149,14 kW euro 4 type | Max power over |  |
| Fan Diameter | min1700 - max 1900 mm | Fan Diameter |  |
| Max load capacity over  | 850 kg | Max load capacity over  |  |
| Water speed | min 40 Kts | Water speed |  |
| Capacity | min 6 people | Capacity |  |
| Boat color | Green | Boat color |  |
| Anchor | Yes | Anchor |  |
| Safety kit  | a number of life jackets equal to the maximal number of persons in the vessel, 1 o ring, fire signals | Safety kit  |  |
| VHF radio | LCD display, integrated GPS receiver, the selectable 1 or 25 Watt, digital voice recorder, NOAA Weather Radio, Weather Alert, IPX8/JIS8 Submersible, Instant channel 16/9, Scan, PA (Public Address) speaker output, External speaker output, Illuminated LCD, Signal strength meter (for radio receiver and GPS receiver). | VHF radio |  |
| Trailer for boat | In republic Serbia, able to pass an authorized technical inspection and be able to get the official registration number (license plate) of the vehicle | Trailer for boat |  |
| Trailer specification | In terms of dimensions, it corresponds to the offered boat and is capable of transporting it | Trailer specification |  |
| Trailer construction technical documentation on (construction, and other mechanical or electronic parts) | Yes | Trailer construction technical documentation on (construction, and other mechanical or electronic parts) |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **All items** | **Installation** performed by contractor or authorised service provider. All the equipment must include all necessary parts and standards for its installation.  |  |  |  |
| **All items** | **Testing** of all basic functions of the instrument on a set of producers standard samples commonly used for the corresponding instrument.Installed equipment must be tested as system, compatible with existing system.  |  |  |  |
| **All items**  | Technical documentation for equipment (Operating manuals/ Users Guide/ Equipment operating instructions/ Cleaning procedures/ Maintenance procedures/ Calibration procedures) upon delivery.  |  |  |  |
| **All items**  | **Warranty** Tenderers must provide local reliable warranty service agent providing maintenance and the rapid supply of equipment spare parts and consumables for the Warranty duration of one year.Offer must include warranty service description including:* Service organisation contact data including name, postal address, telephone number, fax number and e-mail address;
* Help Desk (phone) support, which must be available during working hours, 8AM – 6PM;
* Guaranteed maximum response time to submitted maintenance support request (fax or e-mail) of 1 (one) working day;
* Guaranteed that any requests for services will be attended to within 24 hours;
* Guarantee that all items can be repaired or alternatively replaced within a maximum of 72 hours;
* Guarantee that genuine spare parts and consumables will be available for a period of minimum 3 years from the date of final acceptance of the equipment.
 |  |  |  |
| **All items** | **Commercial warranty**1 year (after the end of 1 year standard warranty) in accordance with the conditions laid down in Article 32 of the General Conditions and Article 33 of the Special Conditions.Detailed description of the organisation of the proposed service and description of the Manufacturer’s commercial warranty shall be included in the offer. |  |  |  |