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

**Contract title: Production and supply of a small research vessel for the scientific activities of the BLUE GROWTH Research center at**

**Trakya University p 1 /…**

**Publication reference:** CB005.3.12.001 – PP2 – Supply 6

**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** | For the lower body, deck, cabin, compartments, set and base, fiberglass based on unsaturated polyester resin after applying 2 layers of gelkot and the permitted 500 g / cm2 glass reinforcement material will be used.  BOAT LENGHT 9.50 -12 m  BOAT WIDTH 3.2 – 4.5 m  BOAT DRAFT 0.50-0.90 m  GENERAL PROVISION The machine and service systems of the boat will be controlled from the console panel.  ENGINE POSITION Outboard engine  ENGINE The engine of the boat, 150 - 250 PK gasoline or diesel and electric starter motor will be used in accordance with the original engine  FUEL SYSTEM Fuel system will be used at least 350 LT liters of chrome fuel tank, 1 filling network, 1 air escape, 1 buoy and fuel instrument panel.  BILGE SYSTEM 2 automatic bilge pumps and control panels will be provided on the boat and 1 hand pump will be installed for safety  FIRE SYSTEM at least two fire extinguishers  WATER SYSTEM At least 250 LT fresh water tank, water buoy, water gauge, water filling mouth, air escape, 10lt/min hydrophore will be placed for the water system of theboat.  WINDOWS: at least 6MM tempered front and side windows, at least 4 side lumboses, 1adet emergency exit cover will be located on the deck.  IWEIGHT OF THE BOAT Approx. : 4 - 6 TONS  CRANE: 0.15 Ton capacity, 40m long load lifting electric crane.  NUMBER OF PEOPLE at least 8 PEOPLE , 1 maste and 1 guest room  MAX SPEED 8-18 KNOTS  ECONOMIC SPEED 6 - 10 KNOTS.  BILGE SYSTEM Bilge system sufficient for the number of ship personnel and compliant with national legislation  ELECTRICITY EQUIPMENT  The boat will be equipped with CE certified marine cables in accordance with 12 systems  Inverter,beach feed, redressor, Fish-finder GPS  Refrigerator, TV,  Underwater lamp  chain and anchor  Viewing lantern, iron lantern, lighting lamps, projector  Fuse panel, swich panel,  Wiper motor and equipment  SIGNALIZATION  Spare portable waterproof electric lantern  Two parachute missiles  Two hand red torches  Two manual orange smoke signals  RESCUE EQUIPMENT  Life jackets  Lifeline with glowing buoy  Inflatable rescue boat with 2.5 - 3.5 mtr rudder system or aft rudder (5-10 pk stern mount)  THE BOAT WILL BE PRODUCED IN ACCORDANCE WITH REGULATION OF THE CONSTRUCTION, REPLACEMENT AND MAINTENANCE-REPAIR OF SHIP AND WATER VEHICLES (Official Gazette Date: 07.11.2015 Official Gazette Number: 29525) and have CE certificate." |  |  |  |