

A. Technical specifications for Fast patrol vessels

1. Fast patrol boats specifications (07 units)

Item	UNOPS minimum technical requirements	
1. General Fast patrol boats specifications	1.1 O.A length:	minimum: 10,5 m / maximum 11,5 m
	1.2 O.A beam:	minimum: 2,7 m / maximum 2,9 m
	1.3 T (Draft)	minimum: 0,75 m / maximum 0,85 m
	1.4 Propulsion system	N°2 Outboard engine 300 HP 4 stroke
	1.5 Hull material	Aluminium
	1.6 Speed at full throat	40 knots
	1.7 Fuel	Unleaded petrol
	1.8 Starting system	Electric starter
	1.9 Fuel injection system	Electronic direct injection
	1.10 Manoeuvring and trim	Hydraulic power steering
	1.11 Shaft	Extra long shaft
	1.12 Extension wire length	Minimum 9 m, type Premium powermatched
	1.13 Connecting bar	Double link
	1.14 Transport capacity	minimum 08 persons
	1.15 Tank capacity	minimum: 450 liters
	1.16 Range at economic speed	minimum 100 nm
	1.17 Wheelhouse	Waterproof aluminium center console
2. Electronic equipment	<ul style="list-style-type: none"> - 1xRadar: Module radar aérien, Technologie Numérique CHIRP + Effet Doppler, Puissance 4w, Portée 35 à 40mn, Type Radôme, Taille, 20 à 25 pouces (50-65 cm) - 1xChart plotter, - 1xGPS + Echosounder - 1x Motorola DM 4401 (or similar) - 1xSailor 6215 - 1xCompass 	
3. Other accessories	3.1 Anchor	1 x 7.5 kg capacity minimum
	3.2 Mobile projector	minimum range: 100 m
	3.3 Bilge pump	2 submersible pump, 4 m3/h minimum flow.
	3.4 Police flashing light	red and blue bar light
	3.5 Fenders	04 cylindrical fenders small size
	3.6 Structure	Structural reinforcement for multi-purpose support
	3.7 Mast	Mast on cabin for navigation light and future equipment
4. Documentations and diagnostic set	4.1 Drawings	General arrangement drawings : General arrangement drawings, forms plan, capacity plan, electric, security, dewatering plans
	4.2 Workshop Manual	Workshop Manual + CD
	4.3 Diagnostic set	One complete diagnostic kit for outboard (Shock-resistant and waterproof PC, CD or Flash-disk, 3 hours battery autonomy, win 10 or 11, Diagnostic adaptor for all kind of outboard engine)
	4.4 Instruction manual	Instruction manual + CD
	4.5 Spare parts manual	Spare parts manual + CD
5. Warranty	5.1 Warranty	01 years from last sea trial completion

B. Delivery requirements and Comparative Data Table:

UNOPS Requirements	
Delivery time	Bidder shall deliver the goods [09 Months] after Contract signature Bidders are highly encouraged to propose a progressive delivery chronogram as UNOPS would like to receive the first 3 boats as soon as possible and the remaining 4 within the above mentioned delivery timeframe.
Delivery place and Incoterms rules	CPT, Port of La Goulette, Tunis, Tunisia. Note : The Bidder is free to choose the method of shipping but must adhere to the international shipping standards for the boats.
Consignee details	Tunisian Ministry of Interior
UNOPS Right to vary requirements	At the time the Contract is awarded, UNOPS reserves the right to vary the quantity of the goods and associated services specified above, provided this does not exceed +/- 20% , without any change in the unit prices or other terms and conditions of the ITB.

C. Warranty and documents for the engines/boats:

N°	UNOPS minimum technical requirements
Warranty - Certification of the boats	The Fast patrol vessels and equipment should be marine class certified (ABS, BV, RINA, etc...) : The selected bidder must prepare the full set of documentation in order to certify the offered boats in Tunisia
Warranty - Period	The warranty on the boats will be not less than 01 year. The Warranty should cover corrective and preventive maintenance, replacement of defective parts/equipment, repair of equipment, labour for equipment repair and/or parts replacement.
	The warranty for the installed equipment should be at least for 01 year from the date of acceptance of the boats.
Warranty - Service	Within the warranty period, the Supplier or its authorised service centre shall provide maintenance and/or repair services and/or replacement of the equipment not later than 30 (thirty) calendar days from the date of receipt of written or E-mail notification from an authorised party. The selected supplier or its local official representative must guarantee the availability of spare parts (to be supplied upon request) for the next five (5) years following the delivery date or starting from the warranty activation. <u>Kindly note that this does not require the availability in stock upfront.</u>
Warranty - Operating manual	Operation and maintenance manual of the outboard and equipment [electric circuit, wiring, air conditioner, lighting, monitoring system...] in English/French must be submitted to UNOPS.

D. Sustainability Criteria:

UNOPS Requirements	
Sustainability Requirements – after-sales service	The bidder will provide an after-sales service component for the boats through its dealers network. Bidders will provide documentation that clearly outlines: - what current partnerships exist with partners for after-sales service providers (and in which locations) - the contact information for the nearest partner to Tunisia (for verification purposes) - the commitment for the availability of spare parts, equipment for maintenance/repair of the boats - Evidence that the proposed boat or related/higher model has been previously serviced by the nearest partner
Boat class certification	The Fast patrol vessels and equipment should be marine class certified (ABS, BV, RINA, etc...)
Sustainability Requirements - Environmental Management System	Bidders must include evidence of the manufacturer being in possession of a current ISO 14001 EMS or equivalent certification for each of the production sites where offered products originate from. Failing to adhere will result in disqualification.
Sustainability Requirements - Health and Safety Management System	Bidders must include evidence of the manufacturer being in possession of a current ISO 45001 or OHSAS 18001 Health and Safety Management System or equivalent certification for each of the production sites where offered products originate from. Failing to adhere will result in disqualification.
Sustainability Requirements - Quality Management System	Bidders must include evidence of the manufacturer being in possession of a current ISO 9001 QMS or equivalent certification for each of the production sites where offered products originate from. Failing to adhere will result in disqualification.
Sustainability Requirements – Engine compliance	The proposed boat engine must comply with Euro norm & C.E or equivalent
Sustainability Requirements – Gender Mainstreaming	Bidders shall describe their approach or provide an internal policy outlining the way that they promote, encourage and apply equal opportunity, diversity and inclusion within their organisation.

E. Related services

N°	UNOPS minimum technical requirements
PDI & warranty activation	The supplier must ensure the pre-delivery inspection prior to shipment to be performed by an authorised public/legal entity and the warranty activation in Tunisia
Corrective maintenance*	The supplier must provide the corrective maintenance plan up to 1 year, indicating the frequency, the list of spare parts and the labour cost (<u>attach the plan</u>).

****Attach the preventive maintenance plan for 12 months and the list of spare parts to be used during the warranty period.***

Important Notes:

1. Partial quotations shall not be allowed. Bidders must quote prices for the total goods and/or services for the total requirement requested under Section II: Schedule of Requirements. Evaluation will be done for the total requirement.
2. Provision, export clearance, international transportation, offload at the port of destination must be included in the price. It is to note that UNOPS will be responsible for the insurance coverable and customs clearance.
3. The offered equipment must comply with requirements laid down in the Technical specifications. The required specifications are minimum requirements. Bidders may offer items with more advanced specs and such offers are accepted as appropriate.
4. Manufacturer's technical literature (brochures, booklets, instructions, etc.) should be submitted. Manufacturer's technical literature submitted with the offer must comply with the written specifications of the Bidder. In the event that there are differences between the submitted manufacturers' literature and written Bidder specification, reasons for that must be explained in the Bidder specifications. The manufacturers' technical literature should be marked in an appropriate manner (i.e. model number).
5. Bidder warrants that offered equipment are new and unused. Bidder shall further warrant that none of the supplies have any defect arising from design, materials or workmanship.
6. The Contractor will be responsible for providing after sales support through the standard manufacturer's warranty.
7. Discontinued models or generation of models for which there is no production in 2021, will not be accepted.

F. Inspections and tests

The following inspections and tests shall be performed:

- (i) The Supplier shall perform all needed tests, including sea trials, in presence of the representative of UNOPS and GN before the shipment to confirm that the goods meet the Purchaser requirements. Documented confirmation of such tests has to be sent to the Purchaser before the shipment;
- (ii) The Purchaser will check the availability of Compliance Certificates issued for the boats/equipment and periodically verify the conformity and the quality of the boat/equipment during the manufacturing process.

UNOPS or its representative may inspect and/or test any or all items of the goods to confirm their conformity to the contract, prior to dispatch from the supplier's premises. Such inspection and clearance will not prejudice the right of the consignee to inspect and test the goods on receipt at destination.

If the goods fail to meet the laid down specifications, the Supplier shall take immediate steps to remedy the deficiency or replace the defective goods to the satisfaction of the purchaser.