



**SAR EGYPT**  
**SPECIFIC EQUIPMENT**  
**VHF TRANSCEIVER**

**TECHNICAL SPECIFICATION**

DOCUMENT N°: 226.703

**VERSION N°00**

## Management of revision

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Revision	Date	Paragraph concerned	Description of changes
V0	2023/12/20	First release	Initial version

## Summary

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## Table of acronyms

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- TBC : To Be Confirmed
- TBD : To Be Defined

## 1. General Information

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Type of equipment addressed: **VHF transceiver**

Number to be purchased: 100

Address of delivery: Cairo (TBC),

Incoterm: DPU

End user: Egyptian Border Guards

## 2. Tender matrix's conformity

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In the following table, the references noted [EX-XXX] correspond to technical requirements of the equipment. Compliance with these technical requirements is mandatory.

Technical specification requirements		Manufacturer / supplier product proposal
Reference	Technical requirement	Technical specification / description / Quantity
EX-1	Marine VHF radio	
EX-2	Fixed mount type	
EX-3	Transmitter out power : 25W (high), 1 W (low)	
EX-4	TX frequency range : 156,025MHz to 161,600 MHz	
EX-5	RX frequency range : 156,050MHz to 163,275 MHz	
EX-6	Wide angle colour TFT LCD (day and night modes)	
EX-7	Digital Selective Calling (DSC)	
EX-8	Plotter, Target list and Danger list can be toggled on the display	
EX-9	Active noise cancelling	
EX-10	Man Overboard Operation	
EX-11	NMEA 2000™, NMEA 0183 connectivity	
EX-12	IP67 Protection	
EX-13	Compatible with 12 V / 24V power sources, power cable supplied	
EX-15	Operating temperature: -20°C to 55°C	

Technical specification requirements		Manufacturer / supplier product proposal
Reference	Technical requirement	Technical specification / description / Quantity
EX-16	Speaker microphone supplied	
EX-17	Antenna, tripod for antenna and antenna cable supplied	
EX-18	Mount kit supplied	
EX-19	Warranty : $\geq 2$ years	
EX-20	The 100 VHF radio must have an identical configuration	
EX-21	Each VHF radio is delivered with its user manual in English	
EX-22	The VHF radio packaging is compliant with international standards and they protects the radios against the shocks, high temperature and humidity. The packaging are sealed during shipping.	
EX-23	The 100 VHF transceivers are delivered before 3 months after order	