



Republic of the Philippines
Department of Agriculture
Bureau of Fisheries and Aquatic Resources

BIDS AND AWARDS COMMITTEE OFFICE

2/F BFAR Bldg., Bureau of Plant Industry Compound, Visayas Avenue, Diliman, Quezon City, Philippines 1101
Tel. No.: +02. 332. 4661 website: www.bfar.da.gov.ph e-mail: bac.eps@bfar.da.gov.ph

NOTICE OF AWARD

NAVNAUTICS PHILS., INC.

198 Unit C East, C-3 Road
5th Avenue Grace Park Caloocan City

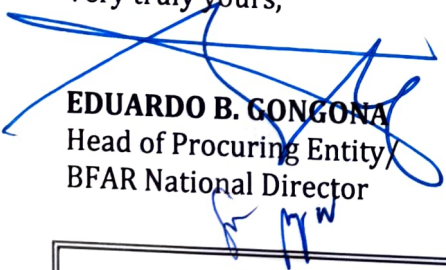
Project: Bid Reference No. 2022-23 entitled SUPPLY AND DELIVERY OF MARINE SAFETY, COMMUNICATION, AND NAVIGATIONAL AIDS FOR THE 4 UNITS STEEL-HULLED 21 METER RINGNET VESSELS

We are pleased to notify you that the contract for **2022-23 entitled "SUPPLY AND DELIVERY OF MARINE SAFETY, COMMUNICATION, AND NAVIGATIONAL AIDS FOR THE 4 UNITS STEEL-HULLED 21 METER RINGNET VESSELS"** of the above Project is hereby awarded to your firm as the Lowest Calculated Responsive Bidder (LCRB) and compliant with the Technical Specifications required by the end-user at Contract Price specified in the attached summary.

You are therefore required, within ten (10) days from the receipt of this Notice of Award, to formally enter into contract with us, and to submit the *Performance Security* in the form and the amount stipulated in the Instructions to Bidders.

Failure to enter into the said contract or provide the Performance Security shall constitute a sufficient ground for cancellation of this award and forfeiture of your Bid Security.

Very truly yours,


EDUARDO B. GONGONA
Head of Procuring Entity
BFAR National Director

I acknowledge receipt of this Notice of Award on the date indicated below:

Signature of Bidder's Authorized Representative: 

Name of Bidder's Authorized Representative: CHARMIE M VILLENA

Date: JULY 4, 2022



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ANNEX TO NOTICE OF AWARD

SUMMARY OF LOTS TO BE AWARDED TO:
NAVNAUTICS PHILS., INC.

BID REFERENCE NO.: **2022-23**

2022-23 entitled "SUPPLY AND DELIVERY OF MARINE SAFETY, COMMUNICATION, AND NAVIGATIONAL AIDS FOR THE 4 UNITS STEEL-HULLED 21 METER RINGNET VESSELS"

Lot no.	DESCRIPTION	ABC	CONTRACT PRICE
1	"Supply and Delivery of Marine Safety, Communication, and Navigational Aids for the 4 Units Steel-Hulled 21 Meter Ringnet Vessels"	Php1,700,000.00	Php 1,321,604.00
TOTAL			Php 1,321,604.00

Schedule of Requirements

Lot no.	Description	Delivered, Weeks/Months	Statement of Compliance
1	Procurement of Purse Seine Fishing Gear and Hauling Machineries for the 2 Units 21-Meters Steel-Hulled Fishing Boat Under the Project Capacitating Municipal Fisherfolks	Within Fifteen (15) calendar days upon receipt of the Notice to Proceed.	Comply

Technical Specifications

Item	Quantity	Unit	Statement of Compliance
First Aid kit <ul style="list-style-type: none"> with 351 pieces comprehensive first aid treatment product Complies or exceeds all OSHA/ANSI/ISEA Z308 1-2015 guidelines for 100 people 	8	pcs	
Life Buoy with 30-meter Buoyant Line & Light <ul style="list-style-type: none"> Outside Diameter: more than 725 mm Inner Diameter: more than 440 mm Weight: not more than 2.5 kgs Applicable Range: For loading all kinds of 	4	pcs	

ships • Color: Orange Bouyant Line • High strength polypropylene long silk thread (10mm) Light Lighting period: $\geq 2H$ Luminous intensity: $\geq 2\text{ cd}$ Chromaticity: White Flash frequency: Continuous light Battery: Seawater Battery Max drop height: 30m Period of Validity: 3 year Certification available: CCS or Qualified cert			
Life Buoy with Light and smoke Light intensity: $\geq 2\text{cd}$ Burning time: $\geq 2h$ Smoke colour: Orange Smoke duration time: $\geq 15\text{min}$	8	pcs	
Life jackets with light and whistle Life jacket Standard complaint: SOLAS 1974/96 and amendment Product Certification: CCS/ZY/EC Fabric Material: Polyester Product Floating material: EPE Product Floating: more than 150N Fit for height: more than 155cm Fit for Weight: more than 43 kg Light Luminous intensity: $\geq 0.75\text{ cd}$ Time of Power: $\geq 8\text{ hr}$ Operation Voltage: 6.0 V Water Activated Temperature: $-1^{\circ}\text{C} \sim +30$ Lighting Form: Flashing Flash frequency: 50-70 times/min Light Color: White Weight (Battery included): 156g	60	pcs	
EPIRB (Navigational Aid) General Material Housing: ABS Plastic Strobe light Rate: 21 times per minute (0.75 candela min.) Temperature Operating: -20°C to $+55^{\circ}\text{C}$ Class 2 Temperature Storage: -30°C to $+70^{\circ}\text{C}$ Battery: Lithium, 5 year service life Antenna: Omnidirectional whip antenna Operating Life: More than 48 hours at -20°C	4	pcs	

/ 80 hours at +20°C Weight: 1.5kg 406M Hz Satellite Transmitter Frequency: 406.037 M Hz ± 2 ppm Output Power: 5W ± 2 dB Radio Type: G1B Modulation: Phase modulation / 1.1 ± 0.1 rad Data encoding: Bi phase L Bitrate: 400b/s 121.5 M Hz Homing Transmitter Frequency: 121.5 M Hz ± 10 ppm ≥ 75 mW Modulation: Amplitude modulation / 300Hz to 1600 Hz Radio Type: A3X GPS Receiver Center Frequency: 1575.42 M Hz ± 1.023 M Hz Antenna: Ceramic dielectric patch Characteristics: 16 channel ANNTARIS 4 positioning engine			
SART (Navigational Aid) Frequency: 9.2 - 9.5 GHz Polarization: Horizontal Vertical Beam Width: + 12.5 Degrees Azimuthal Beam Width: Omnidirectional to ± 2 dB Radiated Power: > 400mW (+26dBm) Form of Sweep: Sawtooth (12 sweeps) Pulse emission: < 100 μ s Forward Sweep time: 7.5 μ s ± 1 μ s Return Sweep time: 0.4 μ s ± 0.1 μ s Recovery time: < 10 μ s Response time: < 0.5 μ s Effective sensitivity: better than -50 dBm Duration of operation: 96 hours in standby condition followed by a minimum 8 hours of transmission while being continuously interrogated by an X-band radar with a pulse repetition frequency of 1kHz at extreme temperature Battery Life: 5 years Temperature range: Operating -20°C to 55°C, Storage -30°C to 65°C	4	pcs	
Handheld Radio Communication Devices General Frequency Range Tx (156.025 - 157.425 M Hz Rx (156.050 - 163.275 M Hz Usable channel groups: INT, USA, CAN, WX	8	pcs	

<p>channels</p> <p>Type of emission: 16K0G3E (FM)</p> <p>Power Supply Voltage: 3.7 V DC nominal</p> <p>Current drain</p> <p>Tx (2.3 A)</p> <p>Rx (300 mA/ 200mA (max. audio)</p> <p>Operating temperature range: -20°C to +60°C; -4°F</p> <p>+140°F</p> <p>Antenna impedance: 50Ω</p> <p>Dimension (WxHxD) (projections not included: 56.6 x 134.2 x 30.5mm; 2.2 x 5.3 x 1.2 in</p> <p>Weight: (approximately) 220g; 7.8 oz (with FA-SC59V and MB-133)</p> <p>Transmitter</p> <p>5W (approximately) / 1W</p> <p>Max. frequency deviation: ±5.9 kHz</p> <p>Frequency stability: ±10ppm</p> <p>Spurious emissions: - 68 dBc typical</p> <p>Adjacent channel power: 70db</p> <p>Residual modulation: 40dB</p> <p>Receiver</p> <p>Sensitivity: 0.25μV typical (at 12dB SINAD)</p> <p>Squelch sensitivity: 0.25 μV typical (at threshold)</p> <p>Adjacent channel power: 70db typical</p> <p>Spurious response: 70dB typical</p> <p>Intermodulation: 70dB typical</p> <p>Audio output power (at 10% distortion)</p> <p>Internal SP: 550mW typical (12 Ω load)</p> <p>External SP: 300 mW typical (4Ω load)</p>			
<p>Rocket Parachute Flare</p> <p>Length: 287mm (11.3 in)</p> <p>Diameter at handle: 38mm (1.5 in)</p> <p>Diameter: 32mm (1.25 in)</p> <p>Weight Max: 245g (8.23 oz)</p> <p>NEC Max: 92g (3.25 oz)</p> <p>Light intensity: 30,000 candela</p> <p>Burning Time: 40 seconds</p> <p>Colour of light: Red</p> <p>Ignition: pull-wire ignitor</p> <p>Altitude: 300m (985ft)</p>	24	pcs	
<p>Fire hose (10 meters) with nozzle & fire hose box</p> <p>2 inches x 10 meters hose, NPT, Double Jacket</p> <p>w/ Adjustable fog Nozzle</p>	8	pcs	
<p>6.8 Kg Portable CO₂ Fire Extinguisher</p> <p>6.8 kg Portable CO₂ Fire Extinguisher</p>	20	pcs	
<p>Fire Axe</p> <p>with Long Handle</p>	4	pcs	

All the above-mentioned items (marine safety, communication and navigational aids) to be supplied must be MARINA type-approved and SOLAS Compliant

*** nothing follows***