



SUPPLEMENTAL BID BULLETIN NO. 1

to the


BID DOCUMENTS

for the

**Supply and Delivery of Brand-New Unmanned Surface Vessel
with GNSS RTK, Bathymetry, and LIDAR**

ITB No. NIACODSD-S-1

- A. Please be advised of the following revisions in the Bidding Documents for the above-captioned project:
1. Delete pages 19 and 20 under Section III. Bid Data Sheet of the Bidding Documents, and substitute the herein Attachment Sheet Nos. "1" and "2";
 2. Delete all pages of the Comparative Specifications Table for Lot No. 2 – One (1) unit of GNSS RTK for Unmanned Surface Vessel under Section VII. Technical Specifications of the Bidding Documents, and substitute the herein Attachment Sheet Nos. "3" and "4"; and
 3. Delete pages 33 and 34 under Section VIII-A. Bidding Forms of the Bidding Documents, and substitute the herein Attachment Sheet Nos. "5" and "6".
- B. Receipt of this Notice must be acknowledged by the Bidders at the Office of the BAC-A Secretariat, 6th Floor, NIA Building "A", EDSA, Diliman, Quezon City.
- C. This Notice shall form part of the Bidding Documents.


[ATTY. AILYNE C. AGTUCA-SELDA
BAC-A Vice Chairperson]



Bid Data Sheet

ITB Clause	
5.3	<p>For this purpose, contracts similar to the Project shall be:</p> <ol style="list-style-type: none"> a. The Bidder must have completed a single contract similar to the Project, equivalent to fifty percent (50%) of the ABC for each lot. b. The similar contract/s must have been completed within five (5) years from the deadline of submission and receipt of bids. c. For this purpose, similar contract shall refer to: <ul style="list-style-type: none"> For Lot No. 1 - Supply and Delivery of Brand-New Unmanned Surface Vessel with Bathymetry and LIDAR For Lot No. 2 - Supply and Delivery of Brand-New GNSS RTK
7.1	Sub-contracting is not allowed.
10	<ol style="list-style-type: none"> a) The first envelope shall contain the eligibility and technical documents of the Bid as specified in Section VIII. Checklist of Technical and Financial Documents <ol style="list-style-type: none"> a.1) Additional Documentary Requirements: <ul style="list-style-type: none"> For Lot No.1 <ol style="list-style-type: none"> a.1.1 Duly accomplished Comparative Specification Table form including original brochures from the manufacturer/ downloadable brochure from the manufacturer's website and/or catalogs. a.1.2 The supplier's sworn statement as to the existence and locations of after-sales service facilities in Luzon, Visayas, and Mindanao authorized by the manufacturer/distributor/reseller. (reworded only) a.1.3 Exclusive distributorship certificate: or Certification of Authority as a Reseller of Products Offered (the Bidder should have authorization from the manufacturer/distributor/reseller for the Bidding). a.1.4 Certification issued by the manufacturer/distributor/reseller stating that the Brand of Unmanned Surface Vessel must be in existence in the Philippine Market for at least five (5) years. a.1.5 Certification issued by the manufacturer/distributor/reseller stating that the Model of Bathymetry must be in existence in the Philippine Market for at least five (5) years.

	<p>a.1.6 The supplier's sworn statement stating that they have supplied LiDAR sensor to at least five (5) government and/or private offices attached with satisfactory Performance Certificates.</p> <p>For Lot No. 2</p> <p>a.1.1 Duly accomplished Comparative Specification Table form including original brochures from the manufacturer/ downloadable brochure from the manufacturer's website and or catalogs.</p> <p>a.1.2 The supplier's sworn statement as to the existence and location of two (2) or more after-sales service facilities, one (1) of which being in Luzon, authorized by the manufacturer/distributor/reseller.</p> <p>a.1.3 Exclusive distributorship certificate: or Certification of Authority as a Reseller of Products Offered (the Bidder should have authorization from the manufacturer/distributor/reseller for the Bidding).</p> <p>a.1.4 Certification issued by the manufacturer/distributor/reseller stating that the Model of GNSS RTK must be in existence in the Philippine Market for at least two (2) years.</p>
12	<p>The price of the Goods shall be quoted DDP <i>National Irrigation Administration Central Office, EDSA, Diliman, Quezon City</i> or the applicable International Commercial Terms (INCOTERMS) for this Project.</p>
14.1	<p>The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:</p> <p>For Lot No. 1 -</p> <p>a. The amount of not less than PhP580,000.00 <i>[equivalent to two percent (2%) of ABC=PhP29,000,000.00]</i>, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or</p> <p>b. The amount of not less than PhP1,450,000.00 <i>[equivalent to five percent (5%) of ABC-PhP29,000,000.00]</i> if bid security is in Surety Bond.</p>

Comparative Specifications Table

LOT 2: GNSS RTK FOR UNMANNED SURFACE VESSEL**BID NO.****QUANTITY: _____ 1 _____ UNITS**

NIA MANDATORY SPECIFICATIONS	BIDDER'S EQPT. SPECIFICATIONS
GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS)	
1. Technology	1. Technology
a) Channel: 450 Universal Tracking Channels Technology or higher	a) _____
b) Signal Tracking: GPS (L1, L2, L2C, L5), Glonass (L1, L2, L2C, L32, BeiDou (B1, B2, B32), Galileo (E1, 5a, E5b, Alt-BOC, E62), QZSS (L1, L2C, L5, L62), NavIC L53, SBAS (WAAS, EGNOS, MSAS, GAGAN), L-band	b) _____
c) Tilt Compensation: Calibration-free, Immune to magnetic disturbances	c) _____
2. Measurement Performance & Accuracy	2. Measurement Performance & Accuracy
a) Initialisation Time: 4 seconds max	a) _____
b) Real-time kinematic tilt compensated: Additional Hz pole tip uncertainty typically less than 8 mm + 0.4 mm/° tilt down to 30° tilt	b) _____
c) Static long observation: Hz 3 mm + 0.1 ppm / V 3.5 mm + 0.4 ppm (minimum)	c) _____
d) Rapid Static: Hz 3 mm + 0.5 ppm / V 5 mm + 0.5 ppm (minimum)	d) _____
e) DGPS: 25 cm	e) _____
3. Communication	3. Communication
a) Communication Port: Lemo, Bluetooth, USB & RS232	a) _____
b) RTK data protocols: 4G, CMR, CMR+, RTCM, MSM	b) _____
c) NMEA output: NMEA v4.0	c) _____
d) GSM / UMTS / LTE phone modem: Fully integrated, external antenna	d) _____
e) Radio modem: Fully integrated, receive and transmit, external antenna, 403 - 473 MHz, 1 W output power, up to 28800 bps over air, GSM / GPRS / UMTS / LTE / CDMA and UHF / VHF modem	e) _____
f) Compatible with any Unmanned Surface Vessel	f) _____
4. Field Controller	4. Field Controller
a) Field Controller: LTE Field Controller with integrated laser distance meter or equivalent	a) _____
b) Operating System: Windows EC7	b) _____

8/10/2024

LOT 2: GNSS RTK FOR UNMANNED SURFACE VESSEL

BID NO.	QUANTITY: 1 UNITS
c) Processor: TI OMAP4430 1GHz Dual-core ARM®, Cortex™-A9 MPCore™ (minimum)	c) _____
d) Memory (RAM): 2GB (minimum)	d) _____
e) Storage: 4GB, up to 64 GB SD Card	e) _____
f) Screen size: per manufacturer's standard	f) _____
g) Screen resolution & type: 800 x 480 WVGA, Colour TFT	g) _____
h) Battery life: 8 hours or higher	h) _____
i) Ingress Protection: IP68	i) _____
j) Shock resistance: 1.2m (4 ft) / MIL-STD-810F, Method 514.5 – Cat24	j) _____
k) Operation temperature: as per manufacturer's standard	k) _____
l) Storage temperature: as per manufacturer's standard	l) _____
m) Keypad type: as per manufacturer's standard	m) _____
n) Connectivity: SD/SDHC, USB, RS23, Power jack, Bluetooth, WELAN	n) _____
o) Integrated Peripherals: Laser Distance Meter, UMTS/LTE Cellular modem, 5Mp Camera, Flash, Compass, Accelerometer, Gyro, Long-range Bluetooth, Expansion Pack	o) _____
5. Field processing equipment	5. Field processing equipment
a) 1 laptop (processor: I9 or equivalent memory: at least 16gb ram or higher)	
6. Processing software (As per manufacturer's standard)	6. Processing software
7. Equipment Set up: 1 base, 2 rovers and 2 controllers	7. Equipment Set up:
8. Warranty	8. Warranty
a) 1 year	a) _____
9. Training (GNSS)	9. Training
a) Participants: 20	a) _____
b) Provided meals and accommodation	b) _____
c) Location: Luzon	c) _____
Name of Firm	Name in Print & Signature of Bidder

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

- (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages) **in accordance with Section 8.5.2 of the IRR;**

Technical Documents

- (b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**
- (c) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents; **and**
- (d) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission **or** Original copy of Notarized Bid Securing Declaration; **and**
- (e) Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable;

For Lot No.1

- e.1. Duly accomplished Comparative Specification Table form including original brochures from the manufacturer/ downloadable brochure from the manufacturer's website and or catalogs.
- e.2. The supplier's sworn statement as to the existence and locations of after-sales service facilities in Luzon, Visayas, and Mindanao authorized by the manufacturer/distributor/reseller. *(reworded only)*
- e.3. Exclusive distributorship certificate;
or Certification of Authority as a Reseller of Products Offered (the Bidder should have authorization from the manufacturer/distributor/reseller for the Bidding).
- e.4. Certification issued by the manufacturer/distributor/reseller stating that the Brand of Unmanned Surface Vessel must be in existence in the Philippine Market for at least five (5) years.
- e.5. Certification issued by the manufacturer/distributor/reseller stating that the Model of Bathymetry must be in existence in the Philippine Market for at least five (5) years.
- e.6. The supplier's sworn statement stating that they have supplied LiDAR sensor to at least five (5) government and/or private offices attached with satisfactory Performance Certificates.

For Lot No. 2

- e.7. Duly accomplished Comparative Specification Table form including original brochures from the manufacturer/ downloadable brochure from the manufacturer's website and or catalogs.
- e.8. The supplier's sworn statement as to the existence and location of two (2) or more after-sales service facilities, one (1) of which being in Luzon, authorized by the manufacturer/distributor/reseller.
- e.9. Exclusive distributorship certificate: or Certification of Authority as a Reseller of Products Offered (the Bidder should have authorization from the manufacturer/distributor/reseller for the Bidding).
- e.10. Certification issued by the manufacturer/distributor/reseller stating that the Model of GNSS RTK must be in existence in the Philippine Market for at least two (2) years.
- (f) Original duly signed Omnibus Sworn Statement (OSS) **and** if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

- (g) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC) **or** A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

Class "B" Documents

- (h) If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence **or** duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

II. FINANCIAL COMPONENT ENVELOPE

- (i) Original of duly signed and accomplished Financial Bid Form; **and**
- (j) Original of duly signed and accomplished Price Schedule(s).

Other documentary requirements under RA No. 9184 (as applicable)

- (k) [For foreign bidders claiming by reason of their country's extension of reciprocal rights to Filipinos] Certification from the relevant government office of their country stating that Filipinos are allowed to participate in government procurement activities for the same item or product.
- (l) Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.