



Republic of the Philippines
DEPARTMENT OF AGRICULTURE
National Irrigation Administration
Central Office

SUPPLEMENTAL BID BULLETIN NO. 2

to the

BID DOCUMENTS

for the

**Supply and Delivery of Brand-New Surveying Instruments (VTOL and LIDAR),
Resistivity Instruments, and Core Drilling Equipment
ITB No. NIACOIEC-S-4**

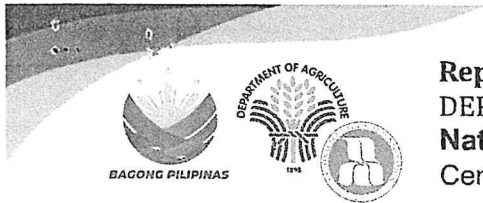
- A. Please be advised that Supplemental Bid Bulletin No. 1 (Annex "A") for the above-captioned project was posted on NIA Website on October 4, 2024. However, despite multiple attempts, the same bid bulletin was not posted in the PhilGEPS Website due to website downtime. Considering the foregoing, we are issuing this Supplemental Bid Bulletin.
- B. Please be advised of the following revisions in the procurement schedule for the above-captioned project:

Deadline of Submission of Bids : October 14, 2024; 1:00 P.M.
BAC-A Secretariat Office
6th Floor, BIA Building A
EDSA, Quezon City

Opening of Bids : October 14, 2024; 1:30 P.M.
BAC-A Conference Room
6th Floor, BIA Building A
EDSA, Quezon City

- C. 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.
- D. This Notice shall form part of the Bidding Documents.


ENGR. ROBERT C. SUGUITAN
BAC-A Chairperson



Republic of the Philippines
DEPARTMENT OF AGRICULTURE
National Irrigation Administration
Central Office

SUPPLEMENTAL BID BULLETIN NO. 1

to the

BID DOCUMENTS

for the

**Supply and Delivery of Brand-New Surveying Instruments (VTOL and LIDAR),
Resistivity Instruments, and Core Drilling Equipment**

ITB No. NIACOIEC-S-4

- A. Please be advised of the following revisions in the Bidding Documents for the above-captioned project:
1. Delete page 20 under Section III. Bid Data Sheet of the Bidding Documents, and substitute the herein Attachment Sheet No. "1";
 2. Delete all the Comparative Specifications Table under Section VII. Technical Specifications of the Bidding Documents, and substitute the herein Attachment Sheet Nos. "2" to "10"; and
 3. Delete page 34 under Section VIII. Checklist of Technical and Financial Documents of the Bidding Documents, and substitute the herein Attachment Sheet No. "11".
- B. The Minutes of Pre-bidding Conference is attached as Annex "A" for reference.
- C. 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.
- D. This Notice shall form part of the Bidding Documents.

ENGR. ROBERT C. SUGUITAN
BAC-A Chairperson

Bid Data Sheet

ITB Clause	
5.3	For this purpose, contracts similar to the Project shall be: 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: For Lot No. 1 - Supply and Delivery of any Type of Brand-New Vertical Take-Off and Landing) VTOL Drone with Light Detection and Ranging (LiDAR) For Lot No. 2 - Supply and Delivery of any Type of Brand-New Geo-Resistivity Meter and/or Supply and Delivery of any Type of Brand-New Core Drilling Equipment
7.1	Sub-contracting is not allowed.
10	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 - a.1) Additional Documentary Requirements: For Lot No. 1: - 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 of after-sales service facilities in Luzon, Visayas, and Mindanao authorized by the manufacturer/distributor/reseller with the attached location of the service center. - 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 UAV must be in existence in the Philippine Market for at least five (5) years.

Comparative Specifications Table

SURVEY GRADE VERTICAL TAKE-OFF & LANDING (VTOL) DRONE**BID NO. NIACOIEC – S – 4****QUANTITY: 17 UNITS**

NIA MANDATORY SPECIFICATIONS	BIDDER'S EQPT. SPECIFICATIONS
1. a) Make and Model	1. a) _____
b) Country of Origin	b) _____
c) Brand New	c) _____
2. Type:	2. Type:
a) VTOL Drone	a) _____
3. Aircraft Specs:	3. Aircraft Specs:
a) Takeoff Weight: 4,000 g (min)	a) _____
b) Flight Time: 40 mins. (min)	b) _____
c) Hover Time: 36 mins. (min)	c) _____
d) Tilt Descent Speed: 2 m/s (min)	d) _____
e) Horizontal Speed: 8 m/s (min)	e) _____
f) Wind Resistance: 10 m/s (min)	f) _____
g) Ingress Protection Rating: IP55 (min)	g) _____
4. Camera Specs:	4. Camera Specs:
a) Zoom Camera Sensor: 1/2" CMOS, Effective pixels: 40MP (or better)	a) _____
b) Video Resolution: 3840x2160 (or better)	b) _____
c) Photo size: 8000x6000 (min)	c) _____
d) Wide Camera Sensor: 1/2" CMOS, Effective pixels: 12M (min)	d) _____
e) ISO Range: 100-25600 (min)	e) _____
f) FPV Camera Resolution: 1920x1080 (min)	f) _____
g) Obstacle Sensing Range: Forward: 0.6-38 m; Upward/Downward/Backward/Sideward: 0.5-33 m	g) _____
5. Battery	5. Battery
a) Type; Li-ion	a) _____
b) Capacity, 5880 mAh (min.)	b) _____
6. Remote Control	6. Remote Control
a) Touchscreen	a) _____
b) RC Battery Type;	b) _____
c) Capacity, 6500 mAh (min).	c) _____
d) RC Battery Operating Time, 3hrs (min.)	d) _____
e) Ingress Protection Rating; IP54 (min)	e) _____

Comparative Specifications Table

SURVEY GRADE VERTICAL TAKE-OFF & LANDING (VTOL) DRONE**BID NO. NIACOIEC – S – 4****QUANTITY: 17****UNITS**

7. Post Processing Software	7. Post Processing Software
a) Aerial nadir & oblique and terrestrial imagery	a) _____
b) RTK/PPK + IMU data support	b) _____
c) Generate DSMs and orthomosaics	c) _____
d) Ground control point edit and import.	d) _____
e) Automatic DTM/DEM extraction	e) _____
f) Point cloud, 3D mesh and DSM editing	f) _____
g) 2D, 2.5D and 3D output results	g) _____
h) Detect and visualize incorrectly-clicked MTPs (Manual Tie Points)/GCPs (Ground Control Points)	h) _____
i) Produce a dense and detailed 3D point cloud, which can be used as a basis for DSM and 3D mesh	i) _____
j) Perpetual License	j) _____
8. Training	8. Training
a) UAV (Drone) Theoretical & Practical Training	a) _____
b) CAAP UAV Pilot Licensing Training	b) _____
c) Product Training & Data Gathering and Post Processing	c) _____
d) Aerial safety and emergency procedure training.	d) _____
e) Training for 20 personnel [all expenses (meals, accommodation, etc.) shall be shouldered by the Supplier]	e) _____
9. Warranty	9. Warranty
a) Manufacturer's standard	a) _____
10. Registration, Licenses, and Insurance	
a) Aircraft Registration	a) _____
Name of Firm	Name in Print & Signature of Bidder

Comparative Specifications Table

VTOL DRONE with LIGHT DETECTION and RANGING (LiDAR)**BID NO. NIACOIEC – S – 4****QUANTITY: 2 UNITS**

NIA MANDATORY SPECIFICATIONS	BIDDER'S EQPT. SPECIFICATIONS
1. a) Make and Model	1. a) _____
b) Country of Origin	b) _____
c) Brand New	c) _____
2. Type:	2. Type:
a) VTOL Drone with LiDAR	a) _____
3. Aircraft Specs:	3. Aircraft Specs:
a) Takeoff Weight: 4,000 g (min)	a) _____
b) Flight Time: 40 mins. (min)	b) _____
c) Hover Time: 36 mins. (min)	c) _____
d) Tilt Descent Speed: 2 m/s (min)	d) _____
e) Horizontal Speed: 8 m/s (min)	e) _____
f) Wind Resistance: 10 m/s (min)	f) _____
g) Ingress Protection Rating: IP55 (min)	g) _____
4. Laser Scanner (LiDAR):	4. Laser Scanner (LiDAR):
a) Laser class: Class 1 (in accordance with IEC 60825-1:2014)	a) _____
b) Range, Reflectivity: >80% : 300m (or better)	b) _____
c) Scan Rate: 240,000pts/s (1 st or strongest return) 480,000pts/s (dual return) 720,000pts/s (triple return)	c) _____
d) Precision: 15mm (min)	d) _____
e) Field of View: 70.4° (Horizontal) x 4.5° (Vertical)	e) _____
f) Accuracy: 20mm @ 20m, 30mm @ 100m	f) _____
g) Return Numbers: 3 returns (min)	g) _____
h) Data storage: Internal 256GB (min)	h) _____
i) Camera Type: Built-in camera	i) _____
j) Camera effective pixels: 26MP, 30fps (min)	j) _____
k) Resolution: 6252 x 4168 (min)	k) _____
l) Data transfer: 160 mbps even with unit turned off (min)	l) _____
m) Ingress Protection Rating: IP64 (min)	m) _____
5. Battery	5. Battery
a) Type; Li-ion	a) _____
b) Capacity, 5880 mAh (min.)	b) _____
6. Remote Control	6. Remote Control
a) Touchscreen	a) _____

Comparative Specifications Table

VTOL DRONE with LIGHT DETECTION and RANGING (LiDAR)**BID NO. NIACOIEC – S – 4****QUANTITY: 2 UNITS**

b) RC Battery Type;	b) _____
c) Capacity, 6500 mAh (min).	c) _____
d) RC Battery Operating Time, 3hrs (min.)	d) _____
e) Ingress Protection Rating; IP54 (min)	e) _____
7. Base Station	7. Base Station
a) RTK High Precision GNSS Base Station	a) _____
b) GNSS Frequency (Simultaneously Receive)	b) _____
- GPS	_____
- BEIDOU	_____
- GLONASS	_____
- Galileo	_____
c) 1608 channels	c) _____
d) 10hrs battery use in single charge (min)	
e) Survive 2m pole drop	
f) LED and OLED panel display	
g) IP Rating (IP67 or better)	d) _____
h) Compatible with the UAV and Sensor payload	
i) Easy to carry and set-up	
j) Hot swappable battery	
k) PPK: 3mm + 1ppm RMS, Vertical: 5mm + 1ppm RMS	
l) Post-processing static: Horizontal: 2.5mm + 0.5ppm RMS, Vertical: 5mm + 0.5ppm RMS	
m) Internal memory: 8GB (min)	
8. Post Processing Software	8. Post Processing Software
a) Compatible with the UAV and Sensor Payload	a) _____
b) Massive data collection	b) _____
c) Creation of Digital Elevation Models (DEMs) and Digital Terrain Models (DTMs)	c) _____
d) Automatic data classification	d) _____
e) Supports both automatic and manual extraction of road features	e) _____
f) Able to convert to DAT or DXF format to integrate with CAD and GIS software	
g) Volume calculation and analysis	
h) 2D vectorization	
i) 3D modeling	
j) Provides rectangle and polygon selection of point cloud	
k) Provides single point , multi-point, distance, area, density and angle measurement	

Comparative Specifications Table

VTOL DRONE with LIGHT DETECTION and RANGING (LiDAR)**BID NO. NIACOIEC – S – 4****QUANTITY:****2****UNITS**

l) Provides elevation inspection, density quality inspection and profile analysis functions	
m) Generate contour data in dxf format	
n) Covers conventional renderings such as height, intensity, RGB, classification, single, time, returns, return number	
o) Process trajectory files, LiDAR data and RGB images	
p) Perpetual License	
f) Same brand as LiDAR	
9. Processing Laptop	9. Processing Laptop
a) Operating System: Windows 11 64-bit Perpetual License (min)	a) _____
b) Processor: Core i7 13 th Gen (min)	b) _____
c) Graphics card: GeForce RTX 3050 (min)	c) _____
d) Screen Size: 15.6" FHD (1920 x 1080)	d) _____
e) Storage: 500GB (min)	e) _____
f) RAM: 16GB (min)	f) _____
10. Training	10. Training
a) UAV (Drone) Theoretical & Practical Training	a) _____
b) CAAP UAV Pilot Licensing Training	b) _____
c) Product Training & Data Gathering and Processing	c) _____
d) Aerial safety and emergency procedure training.	d) _____
e) Training for 6 personnel [all expenses (meals, accommodation, etc.) shall be shouldered by the Supplier]	e) _____
11. Warranty	11. Warranty
a) Manufacturer's standard	a) _____
12. Registration, Licenses, and Insurance	12. Registration, Licenses, and Insurance
a) Aircraft Registration	a) _____
b) 1 year insurance	b) _____
Name of Firm	Name in Print & Signature of Bidder

Comparative Specifications Table

GEO-RESISTIVITY METER**BID NO. NIACOIEC – S – 4****QUANTITY: 10 UNITS**

NIA MANDATORY SPECIFICATIONS	BIDDER'S EQPT. SPECIFICATIONS
1. a) Make and Model	1. a)
b) Country of Origin	b)
c) Brand New	c)
2. Type:	2. Type:
a) Geo-Resistivity Meter (Earth Resistivity Scanner/Groundwater Detector)	a) _____
3. General/Electrodes/Receiver/Transmitter	3. General/Electrodes/Receiver/Transmitter
a) Casing (Rugged Aluminum Case or better)	a) _____
b) Measure Modes (Resistivity, SP, Resistivity, and IP using 50% duty cycle or better)	b) _____
c) Measurement range: $\pm 5V_{p-p}$	c) _____
d) Measurement resolution 30nV (max)	d) _____
e) Screen resolution: 4-digits in engineering notation (min)	e) _____
f) Display: Graphics LCD display (16 lines x 30 characters) with nightlight. Optional Android mobile phone screen & 7" or 10" Android tablet bright color AMOLED display.	f) _____
g) Memory Capacity (Min. 16GB micro SD card accessible from outside)	g) _____
h) Transmitter: 200W internal transmitter (min)	h) _____
i) Output current: 1 – 2,000mA continuous	i) _____
j) Output voltage: 800Vp-p (min)	j) _____
k) Input gain ranging: Automatic (full dynamic range)	k) _____
l) Number of Electrodes (at least 81 electrodes)	l) _____
m) Full coverage, both 2D and 3D	m) _____
n) Pre-installed Array Types (Multiple gradient, Dipole-Dipole, Wenner, Schlumberger, Pole-Dipole and Pole-Pole or better)	n) _____
o) SP compensation: Automatic cancellation of SP voltages during resistivity measurement.	o) _____
p) IP current transmission: ON+/OFF/ON-/OFF	p) _____
q) IP time cycles: 0.5s/ 1s/ 2s/ 4s/ 8s	q) _____

Comparative Specifications Table

GEO-RESISTIVITY METER**BID NO. NIACOIEC – S – 4****QUANTITY: 10 UNITS**

r) Noise suppression: Better than 100dB at f>20Hz. Better than 120dB at power lines frequencies.	r) _____
s) Automatic multi-electrodes: run dipole-dipole, pole-dipole, pole-pole, gradient, Wenner, Schlumberger or any other custom array including roll-along surveys completely automatically. Dual-Mode Automatic Multi-electrode system or a passive electrode cable system with Switch Box.	s) _____
t) Number of Channels (min. 4-channels)	t) _____
u) Cable Type: Passive electrode cable, Rugged outer & inner cable jackets (min)	u) _____
v) Input Impedance >150MΩ (min)	v) _____
w) Precision	w) _____
x) Accuracy	x) _____
4. Data Transmission	4. Data Transmission
a) Data can be instantaneously transferred from the Android device by email or by file transfer from the Android device USB port.	a) _____
b) Can be used with various Wi-Fi capable Android tablets.	b) _____
c) Min. Android version: 5.0 (min)	c) _____
d) Min. Wi-Fi range: 100m (min)	d) _____
e) Real time quality assurance: Color pseudo section plot, transmitter/receiver pair plot, IP curve plot, contact resistance test results, real time data review.	e) _____
f) Functions: All functions performed can be performed using the App's GUI with the exception of baud rate setting.	f) _____
g) Can be upgraded anywhere remotely.	g) _____
5. Training	5. Training
a) Min. 5-days local training for field and data interpretation for 5 personnel for each equipment [all expenses (meals, accommodation, etc.) shall be shouldered by the Supplier]	a) _____
6. Warranty	6. Warranty
a) Manufacturer's standard	a) _____
Name of Firm	Name in Print & Signature of Bidder

Comparative Specifications Table

CORE DRILLING MACHINE**BID NO. NIACOIEC – S – 4****QUANTITY: 3 UNITS**

NIA MANDATORY SPECIFICATIONS	BIDDER'S EQPT. SPECIFICATIONS
1. a) Make and Model	1. a) _____
b) Country of Origin	b) _____
c) Brand New	c) _____
2. Type:	2. Type:
a) Core Drilling Hydraulic / Wire-line Machine.	a) _____
3. Performance:	3. Performance:
a) Make and Model	a) _____
b) Prime mover: Diesel/Gasoline Engine, 6.5(min) Hp @ rpm	b) _____
c) Nominal Drilling Depth 50 m (min)	c) _____
d) 48 mm Spindle/ Hoisting capacity 4.9 kN (min)	d) _____
e) 2 Series of Rotation Speed, 450 rpm (min)	e) _____
f) Drill and Pump Driven by 1 Engine	f) _____
4. Engine:	4. Engine:
a) Make and Model	a) _____
b) Engine Hp: Diesel/Gasoline Engine, 6.5(min) Hp @ rpm	b) _____
5. Transmission:	5. Transmission:
a) Type: 3 speed Sliding Gear	a) _____
b) Shift: Manual	b) _____
c) Clutch: Single Disc Type	c) _____
6. Rotation Speed (RPM)	6. Rotation Speed (RPM)
1st (Low):	1 st (Low):
2nd (Middle):	2 nd (Middle):
3rd (High):	3 rd (High):
7. Hoist Drum	7. Hoist Drum
a) Type : Planetary Gear Driven, Hand Brake	a) Type:
b) Speed: 20 – 116 m/min	b) _____
c) Brake: Manual	c) _____
d) Drum Capacity 9 mm Wire Rope x L20 mm (min)	d) _____
e) Drum Size: 100 mm x L70 mm (min)	e) _____

Comparative Specifications Table

CORE DRILLING MACHINE**BID NO. NIACOIEC – S – 4****QUANTITY: 3 UNITS**

f) Hoisting Capacity: 4.9 KN (min)	f) _____
8. Hydraulic System	8. Hydraulic System
a) Pump: Variable Discharge Vane Pump	a) Pump: _____
b) Working Pressure: 1.9 – 3.9 Mpa (min)	b) Working Pressure: _____
c) Pressure: 6.8 MPa (max)	c) Pressure: _____
9. Standard Exploratory Testings (ASTM/AASHTO compliant):	9. Standard Exploratory Testings (ASTM/AASHTO compliant):
a) Standard Penetration Test	a) _____
b) Undisturbed Sampling	b) _____
c) Water Pressure Test	c) _____
10. Training	10. Training
a) 3-days local training for field and data interpretation for 3 personnel for each equipment [all expenses (meals, accommodation, etc.) shall be shouldered by the Supplier]	a) _____
11. Warranty	11. Warranty
a) Manufacturer's standard	a) _____
Name of Firm	Name in Print & Signature of Bidder

Checklist of Technical and Financial Documents

Class "A" Documents

Legal Documents

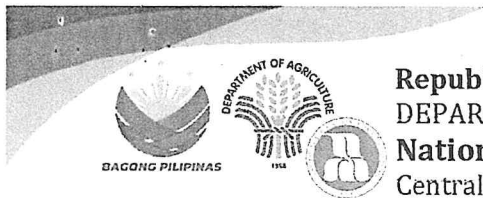
- (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages) **in accordance with Section 8.5.2 of the IRR;**

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 of after-sales service facilities in Luzon, Visayas, and Mindanao authorized by the manufacturer/distributor/reseller with the attached location of the service center.
- (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 UAV 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 LiDAR must be in existence in the Philippine Market for at least two (2) years
- (e.6) The Supplier must have supplied quadcopter UAV with LiDAR sensor to at least five (5) government offices with satisfactory Performance Certificates
- (e.7) The Supplier must have at least fifteen (15) CAAP RPAS licensed personnel currently employed for at least one (1) year within the company



BIDS AND AWARDS COMMITTEE-A (BAC-A)

MINUTES OF THE MEETING

PRE-BIDDING CONFERENCE

September 26, 2024; 2:00 PM
BAC-A Conference Rm. 6th Floor, Bldg. A
NIA Bldg. A, NIA Complex

**SUPPLY AND DELIVERY OF BRAND-NEW SURVEYING INSTRUMENTS (VTOL AND LIDAR),
RESISTIVITY INSTRUMENTS AND CORE DRILLING EQUIPMENT**

Invitation to Bid No. NIACOIEC-S-4

Approved Budget for the Contract:

Lot 1: PhP59,500,000.00

Lot 2: PhP68,500,000.00

I. ATTENDANCE

ROBERT C. SUGUITAN	-	Chairperson, BAC-A
REYNE B. UGAY	-	Member, BAC-A
EUSEBIO S. VILLAMANTO	-	Member, BAC-A
LUISITO RUEL S. SAN MIGUEL	-	Provisional Member
RIZZA A. IBAÑEZ	-	Member, TWG
CHRISTIAN D. ABANAG	-	Member, TWG
LORETO T. LEYSA	-	Member, TWG
P. KRISTOPHER O. VILLANEA	-	Member, TWG

Observers:

PEPITO L. PADILLA	-	NIA-IAS, Representative
GLENN DEXTER G. LAURENTE	-	NIAEASP, Representative
FREDERICK P. CASABAR	-	COA, Representative

Prospective Bidders	Representatives
SICCION MARKETING	JULIUS VALDEZ SANJU GARINDO VICTOR PULIDO
QUANTUMLAB	DARYL DE LEON
TECHPHIL GEOSOLUTIONS CO.	JOSE ANTONIO TACCAD RODELSON UTATA
DE LEON IMPORT & EXPORT CORP.	CARLITO GALLARDO, JR.
ARGOTEK INC.	MICHAEL CASIMIRO
CERTEZA INFOSYS CORP.	JOHN PAUL NEORTEGA
MJAS ZENITH TRADING	MARY ANN TORIÑOS JUSTIN MABANAG

ARGOTEX INC.

JACKIE ABIAN

II. CONFIRMATION OF QUORUM

The BAC Secretariat acknowledged the presence of the following BAC-A members (1) Engr. Robert C. Suguitan (2) Engr. Reyne B. Ugay; (3) Engr. Eusebio S. Villamanto and (4) Engr. Luisito Ruel S. San Miguel. Hence, there was a quorum.

III. CALL TO ORDER

Having a quorum, for the above-mentioned proposed contract was called to order at 2:15 P.M. by the Chairperson, Engr. Robert C. Suguitan.

IV. BUSINESS MATTERS

The Chairperson welcomed and acknowledged the presence of the BAC-A members, the members of the Technical Working Group, the BAC Secretariat and resource persons, he then informed the body that the meeting was for the Pre-Bidding Conference for the above-mentioned project.

Mr. Gerard E. Guzman of the BAC-A Secretariat presented the slides for the meeting, the latter discussed the following for the information of the bidders:

A. Background:

Lot No.	DESCRIPTION	QUANTITY	Approved Budget for the Contract
1	Survey Grade Vertical Take-Off and Landing (VTOL)	17 units	PhP50,000,000.00
	VTOL Drone with Light Detection and Ranging (LiDAR)	2 units	PhP9,500,000.00
		Total	PhP59,500,000.00

- Delivery of the Goods is required within thirty (30) calendar days from receipt of Notice to Proceed

Lot No.	DESCRIPTION	QUANTITY	Approved Budget for the Contract
2	Geo-Resistivity Meter	10 units	PhP55,000,000.00
	Core Drilling Equipment	3 units	PhP13,500,000.00
		Total	PhP68,500,000.00

- Delivery of the Goods is required within sixty (60) calendar days from receipt of Notice to Proceed

B. PROCUREMENT SCHEDULE

Issuance of Bidding Documents	From September 18, 2024 to October 11, 2024
Deadline for the Submission of the Bids	On or before October 11, 2024; 1 P.M.
Venue	Office of the BAC-A Secretariat 6 th Floor, NIA Building A EDSA, Diliman, Quezon City
Opening of Bids	October 11, 2024 at 1:30 P.M.
Venue	BAC-A Conference Room 6 th Floor, NIA Building A NIA Complex, EDSA Diliman, Quezon City

For Envelope 1 -

Class "A" Documents

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

Technical Documents:

Statement 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

Statement of the Bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, in accordance with ITB Clause 5.3.

The Bidder must have completed a single contract that is similar to the Project, equivalent to 50% of each lot.

The Similar contract/s must have been completed within five (5) years from the deadline for submission and receipt of bids.

Similar contract shall refer to the following:

For Lot No. 1 - Supply and Delivery of any Type of Brand-New Vertical Take-Off and Landing) VTOL Drone with Light Detection and Ranging (LiDAR)

For Lot No. 2 - Supply and Delivery of any Type of Brand-New Geo-Resistivity Meter and/or Supply and Delivery of any Type of Brand-New Core Drilling Equipment

Bid Security - The bid security shall be limited to Bid Securing Declaration or any one (1) other form in accordance with the following amount:

Form of Bid Security	Amount of Bid Security (Not less than the Percentage of the ABC)
Cash or cashier's/manager's check Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank; or	Two percent (2%) = For Lot No. 1- PhP1,190,000.00 For Lot No. 2-PhP2,975,000.00
Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.	Five percent (5%) = For Lot No.1- PhP1,370,000.00 For lot. No.2-PhP3,425,000.00

Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable;

FOR LOT 1

- Duly accomplished Comparative Specifications Table form (including original brochures from the manufacturer/downloadable brochure from the manufacturer's website and or catalogs.
- Sworn statement as to the existence and locations of after-sales service facilities in Luzon, Visayas, and Mindanao with a business permit named after the manufacturer/exclusive distributor/authorized reseller in the Philippines.
- Exclusive distributorship certificate: or

Certification of Authority as a Reseller of Products Offered (if the Bidder is not the exclusive distributor) issued by the manufacturer.
- Certification issued by the manufacturer/ distributor/reseller stating that the Brand of UAV and LiDAR must be in existence in the Philippine Market for at least five (5) years.
- Certification issued by the manufacturer/ distributor/reseller stating that the Model of LiDAR must be in existence in the Philippine Market for at least two (2) years.
- The Supplier must have supplied quadcopter UAV with LiDAR sensor to at least five (5) government offices with satisfactory Performance Certificates.

- The Supplier must have at least fifteen (15) CAAP RPAS licensed personnel currently employed for at least one (1) year within the company.

FOR LOT NO. 2

- Duly accomplished Comparative Specification Table form (including original brochures from the manufacturer/ downloadable brochure from the manufacturer's website and/or catalogs).
- Sworn statement as to the existence and locations of after-sales service facilities in Luzon, Visayas, and Mindanao with a business permit named after the manufacturer/ exclusive distributor/ authorized reseller in the Philippines
- 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)
- Certification issued by the manufacturer/ distributor/ reseller stating that the Brand of Geo-resistivity meter and Core Drilling Equipment must be in existence in the Philippine Market for at least five (5) years.
- Duly signed and notarized Sworn statement in accordance with Section 25.3 of the IRR of RA 9184 and using the form prescribed in Section VIII-A. Bidding Forms - **Omnibus Sworn Statement, and**
- 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.
- Duly signed and notarized Sworn statement in accordance with Section 25.3 of the IRR of RA 9184 and using the form prescribed in Section VIII-A. Bidding Forms - Omnibus Sworn Statement, and
- 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.

[Jurat]

SUBSCRIBED AND SWORN to before me this ____ day of [month] [year] at [place of execution], Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her [insert type of government identification card used], with his/her photograph and signature appearing thereon, with me

2. *[Select one, delete the other:]*

[If a sole proprietorship:] As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney:

[If a partnership, corporation, cooperative, or joint venture:] I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board Partnership Resolution, or Special Power of Attorney, whichever is applicable):]:

Note: Attach a photocopy of the government ID used in the Omnibus Sworn Statement

Financial Documents

Net Financial Contracting Capacity (NFCC) computation or a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

Class "B" Documents

If applicable, a duly signed and notarized 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 and abide by the provisions of the JVA in the instance that the bid is successful.

For Envelope 2-

Financial Component:

Original of duly signed and accomplished Financial Bid Form

Original of duly signed and accomplished Price Schedule(s)

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

[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.

Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.

REMINDERS

For the submission of bids, Original, copies 1 and 2 of the first and second component of the bid must reflect the following:

1. Table of contents;
2. Sequential order of documents in line with Section VIII "Checklist of Technical and Financial Documents";

3. Proper tabbing and binding of documents; and
4. Copies 1 and 2 must be certified true copy of the original document.

Indicate the official address, contact numbers, and e-mail address in your Letter of Intent.

Use the NIA Prescribed Forms attached in Section VIII-A of the Bidding Documents. Electronic copy of said Forms are readily available upon purchase of Bidding Documents at the Office of the BAC-A Secretariat, 6th Floor, NIA Bldg. A, Diliman, Quezon City.

Bidders must completely and properly fill-out all required details in the NIA Prescribed Forms, and notarize all necessary documents accordingly.

Written requests and/or clarifications may be submitted until September 27, 2024.

Supplemental Bid Bulletin/s will be posted on or before September 30, 2024.

V. INQUIRIES

SICCIÓN MARKETING INC.

Q1: The representative inquired to the Committee whether the delivery period of GEO RESISTIVITY METER can be adjusted for a longer period taking in to consideration the training and testing period that might result into delays.

A1: The Committee replied that the delivery period cannot be relaxed by reason of immediate necessity by the Procuring Entity.

QUANTUM LAB

Q1: As to the take-off weight (4000 g min) of the VTOL, the representative inquired whether the same can be reduced.

A1: The TWG replied that the same is the minimum and the group adheres to the required specification.

TECPHIL GEOSOLUTIONS

Q1: For Lot No. 1 UAV and Lidar, (v.4) the representative inquired whether the requirements that the manufacturer/distributor/reseller must be five (5) years in existence in the Philippine Market and under (v.5) Certification issued by the manufacturer/distributor/reseller stating that the Model of Lidar must be in existence in the Philippine Market for at least two (2) years are in congruence.

A1: The Secretariat and the TWG replied that any changes will be posted via Supplemental Bid Bulletin.

Q2: For the same Lot Item, the representative inquired as to why there is a need for fifteen (15) CAAP RPAS licensed personnel currently employed for at least one (1) year within the company.

A2: The TWG responded that it was practical consideration to include fifteen (15) CAAP RPAS Licensed Personnel as requirement given that the drones will be deployed all over the country.

Q3: For the VTOL Drone LiDAR, the representative likewise inquired as to why the end-user opt to require a Field View of 70.4° (Horizontal)x4.5° (vertical) when a 360 degrees field view is already available in the market.

A3: The TWG replied, that a VTOL LiDAR with 360° Field View is expensive and might exceed the allotted approved budget.

DE LEON IMPORT AND EXPORT CORP.

Q1: For Geo-Resistivity Meter, the representative informed the Committee and the TWG that he ordered his people to study the required specifications for the equipment and they arrived into a supposition that apparently the specifications provided caters for a particular brand/supplier. He therefore suggested to the Committee to change the same to manufacturer's standard or to make the specifications generic to erase doubts and suspicions.

A1: The Committee maintains that it will adhere to its required specifications. And added that they will revisit the market analysis that was conducted if it is discovered that only one bidder can join based on the specifications then it can be perceived that the same was tailor fitted. But if more than one bidder can join then there was no tailor fitting.

The Committee and the Vice-Head of the BAC-A Secretariat, Atty. Nastassja Nicole J. Flores stated that if there are any questions the bidder may do so in writing for the Committee to formally reply.

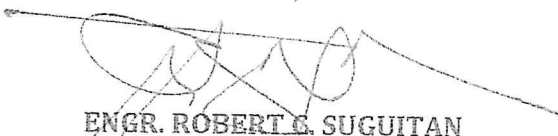
VI. ADJOURNMENT

Having no other matters for discussion the meeting ended at 3:45 P.M.

Prepared by:


GERARD E. GUZMAN
Member, BAC-A Secretariat

Noted:


ENGR. ROBERT E. SUGUITAN
Chairperson, BAC-A