

Republic of the Philippines Department of Environment and Natural Resources Visayas Avenue, Diliman Quezon City, 1100 Tel. Nos. (632) 929-66-26 (632) 929-62-52 929-66-20 929-66-33 to 35

929-70-41 to 43

BIDS AND AWARDS COMMITTEE

Supplemental/Bid Bulletin No. 1

PROCUREMENT OF ECHO SOUNDER AND REAL-TIME KINEMATIC/GLOBAL NAVIGATION SATELLITE SYSTEM (RTK/GNSS) RECEIVER FOR THE DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES -- MANILA BAY COORDINATING OFFICE (DENR-MBCO)

Bid Ref. No. DENR-CO-2021-007

This **Supplemental/Bid Bulletin No.1** is being issued to revise provisions/specifications in the Bidding Documents for the aforecited project:

FROM			то			
		SECTION I. INVI	TATION TO B	ID		
Echo Sounder	and Real-Tim	an " <u>Procurement of</u> e Kinematic /Global tems (RTK/GNSS)				" <u>Procurement of</u> vey Equipment."
10. The Schedu ollows:	le of Bidding A	ctivities shall be as	10. The Sche follows:	dule of B	idding A	ctivities shall be as
4 Submission of Bid 29 Documents 10	3 April 2021, (Wednesday) 0:00 AM	BAC Secretariat Office, Basement DENR Main Building, Visayas Ave, Diliman, Quezon City	Submission of Sid Documents	29 April 2021, 10:00 AM	Thursday)	BAC Secretariat Office, Basement, DENR Main Building, Visayes Ave , Diliman, Quezon City
	3 April 2021, (Wednesday) 1:00 AM	Online via Google Meet Platform**	5 Opening of Bids	29 April 2021, 11:00 AM	Thursday)	Online via Google Meet Platform**
	edule of Requ	ECTION VI. SCHEDUL hirements f 19 March 2021)	Revise	ed Sched	lule of	Requirements of 16 April 2021)
	SE	CTION VII. TECHNIC	CAL SPECIFIC	CATION	IS	
Section VII	- Technical S	pecifications	Sect		Revise cificati	ed Techni c al ons
A. Equipment	One (1)	set of Echo Sounder	A. Equipme	nt	One (1)	set of Echo Sounder
	Pole (0.	Pole (0.5 – 1 meter) Transducer (200 kHz)		Oth and (A a a a a a a a a a a a a a a a a a a	Pole (0	.5 – 2 meters)
Others/Access				Others/Accessories		Transducer (dual)

SECTION VII. TECHNICAL SPECIFICATIONS Section VII - Technical Specifications Section VII – Revised Technical **Specifications** One (1) set of RTK/GNSS Two (2) sets of RTK/GNSS B. Equipment B. Equipment Receiver Receiver C. Equipment One (1) set of Controller C. Equipment One (1) set of Rugged Controller Operating Operating System Windows Mobile 6-7 Windows Mobile 6 (min.) System -none--none-Software One (1) Hydrographic Software Kev User-friendly **Features** Built-in map downloader allows to source street map data or satellite imagery Generate graphical view of channel cross sections Compatible with a wide range of hardware Able to calculate the volume of the whole dredging operations Note: All other technical specifications remain the same.

Bidders are advised to use the following attached forms and submit together with all the other required documents for the submission of bids on 29 April 2021, 10:00 AM:

- 1) Section VI. Revised Schedule of Requirements
- 2) Section VII. Revised Technical Specifications

Also please use the Revised Checklist of Technical and Financial Documents as a guide/reference.

This Supplemental/Bid Bulletin No. 1 shall form part of the Bidding Documents. Any provisions in the Bidding Documents inconsistent herewith is hereby amended, modified and superseded accordingly.

For guidance and information of all concerned.

Issued this 22nd day of April 2021 in Quezon City.

MARCIAL C. AMARO, JR., CESO III
Assistant Secretary for Policy, Planning and
Foreign Assisted and Special Projects &
Chairperson, Bids & Awards Committee

Approved by:

\mathcal{O}^{-1}	700		
	Received by:		
_	(SIGNATURE OVER PRINTED NAME & DATE)	NAME OF COMPANY	
	(PLEASE RETURN OR FAX THIS PAGE ONLY TO T	HE DENR BAC OFFICE @ 8926-2675)	

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Section VI. **Revised Schedule of Requirements**

Instruction to Bidders:

Please fill up the form accordingly and sign the Bidder's Undertaking. Failure to conform will result in a rating of "FAILED".

TERMS OF REFERENCE as of 16 April 2021



Republic of the Philippines Department of Environment and Natural Resources MANILA BAY COORDINATING OFFICE Visayas Avenue, Dilimen, Quezon City, 1100

Tel. Nos. (632) 929-66-26 to 29 loc. 2102 • (632) 928-1225 Website: http://www.deur.gov.ph. | http://www.themanilabay.deur.gov.ph | E-mail: web@deur.gov.ph | mbco_2011@yahoo.com

TERMS OF REFERENCE

(as of 16 April 2021)

PROCUREMENT OF ECHO SOUNDER AND REAL-TIME KINEMATIC/GLOBAL NAVIGATION SATELLITE SYSTEM (RTK/GNSS) RECEIVER FOR MANILA BAY COORDINATING OFFICE (MBCO) ABC: PhP2,250,000.00

I. RATIONALE

The Department of Environment and Natural Resources-Manila Bay Coordinating Office (DENR-MBCO) find it necessary to procure an echo sounder and Real-time Kinematic/Global Navigation Satellite System (RTK/GNSS) receiver for hydrographic survey and validation of the dredging operations of the priority esteros, creeks, and river systems within Metro Manila funded by this office as part of the Manila Bay Rehabilitation Program.

TECHNICAL SPECIFICATIONS

Minimum Technical Specifications unless otherwise specified:

Equipment	One (1) set of echo sounder
Mode	Auto, Shallow and Manua!
High Frequency	150-250 kHz
Low Frequency	25-45 kHz
Resolution	1-2 cm
Ping rate	10-20 Hz (depth dependent)
Accuracy	±1 cm with + 0.1% of the depth of water
Depth Range	0.3-100 m
Sound velocity	1300-1800m/s
Operating Temperature	50°C (max)
Power consumption	2W (max)
Others/Accessories	Carrying Case, Pole (0.5-2 meters), Transducer (dual), Clamp Holder

Note - The echo sounder must be designed to connect easily to RTK/GNSS Receiver, computer or hand controllers for data collection.

Equipment	One (1) set of RTK/GNSS Receiver		
Channels	500-600 channels		
Maximum data rate	70-90 kHz		
Time to First Fix	8-15s (hot start); 35-45s (cold start)		
Data logging	0.1-1s		
Internal Memory	32 GB		
Real-time Kinematics (RTK)	Horizontal: (8 + 1x10 ⁻⁶ D) mm -		
	(10 + 1×10 ⁻⁶ D) mm		
	Vertical: (15 + 1x10 = 0) mm -		
	(18 + 1x10 ⁻⁶ D) mm		
Post Processing Statics	Horizontal: (2.5 + 1x10-6 D) mm -		
_	(3 + 1x10 ⁻⁶ D) mm		

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	Vertical: (4 + 1x10 ⁻⁶ D) mm –
	(5 + 1x10 ⁻⁶ D) mm
Power consumption	6000-7000 mAh
Others/Accessories	2 Carrying Case (base and rover), Pole (1-3
	meters), 2 UHF Antennas (TNC), 4 Li-ion
	Batteries, 2 Chargers, 2 Steel Plates, 1
	Aluminum Tripod (1-1.5 meter), 1 Fiber
	Pole(2-3meters), 1 measuring tape (3-5
	meters), 1 External Antenna

Equipment	One (1) set of rugged controller		
Operating System	Windows Mobile 6 (minimum)		
Storage	32 G8		
Camera	4-8 megapixels		
Wi-Fi	Yes		
Bluetooth	Yes		
Screen	3.5-4 inches		
Working Time	8-11 hrs		
Battery Supply	3000-4000 mAh		
Others/Accessories	1 Battery, 1 Controller Holder		

Equipment	One (1) set of external radio
Frequency	400-500 MHz
Channel spacing	10 KHz/20 KHz
Input voltage	10-15 V DC
UHF Antenna	TNC
Adjacent Channel Inhibition	50-75 dB
Others/Accessories	1 USB Cable (1 meter)

Software	One (1) hydrographic software		
Key Features	User-friendly		
	Built-in map downloader allows to source street map data or satellite imagery		
	Generate graphical view of channel cross sections		
	Compatible with a wide range of hardware		
	Able to calculate the volume of the whole dredging operations		

III. TRAINING:

The winning bidder shall conduct an on-site and virtual training to at least six (6) technical staffs of the Manila Bay Coordinating Office and at least two (2) technical staffs from DENR-NCR, Region III and Region IV-A within fifteen (15) calendar days after complete delivery of the units. The winning bidder must agree to the specific schedule for the training period and issue corresponding certificates for the above attendees. All expenses relative to the trainings shall be for the account of the winning bidder.

Note - Training for technical staffs of NCR, Region III and IV-A will be done online or virtual only.

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IV. DELIVERY TIMELINE:

The winning bidder shall supply and deliver the units and accessories for echo sounder and RTK/GNSS receiver at the DENR Central Office, through Supply Management Section-Property and Supply Management Division, Basement-DENR Main Building, Visayas Avenue, Diliman, Quezon City, in coordination with the representatives from Manila Bay Coordinating Office within thirty (30) calendar days from receipt of Notice to Proceed (NTP).

V. WARRANTY:

The winning bidder must provide a warranty certificate in favor of DENR-MBCO which shall be valid for one (1) year for the major units, while six (6) months on accessories from the date of Certificate of Acceptance issued by DENR-MBCO. Warranty shall cover full Replacement of defective parts and accessories, free of charge. In the event that the existing equipment is found to be defective, the supplier must immediately provide a service unit.

VI. TERMS OF PAYMENT:

TIMELINES	DELIVERABLES	PERCENTAGE AMOUNT OF CONTRACT PRICE TO BE RELEASE AS PAYMENTS	DOCUMENTARY REQUIREMENTS
 Thirty (30) Calendar Days from Receipt of NTP 	 Supply and delivery of echo sounder and RTK/GNSS receiver 		Delivery Receipt Sales Invoice/Official Receipt/Collection Receipt Certificate of Inspection
 Fifteen (15) Calendar Days after complete delivery of the units. 	Conduct of Training	100%	and Acceptance issued by MBCO Warranty Certificate Training certificates Aftersales Certificate

Prepared by:

Approved by:

(sgd.) ENGR. JANN PAULO L. SANTIAGO Site Engineer Manila Bay Coordinating Office (sgd.) JACOB F. MEIMBAN, JR. Deputy Executive Director Manila Bay Coordinating Office

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B. Other Requirements

- 1. Bidder has no overdue deliveries or unperformed services intended for DENR.
- 2. Bidder did not participate as a consultant in the preparation of the design or technical specification of the GOODS/SERVICES subject of the bid.

BIDDER'S UNDERTAKING

I/We, the undersigned bidder, having examined the Bidding Documents including Bid Bulletins, as applicable, hereby BID to (supply/deliver/perform/comply) the above Terms of Reference

I/We undertake, if our bid is accepted, to deliver the goods/services in accordance with the terms and conditions contained in the bid documents, including the posting of the required performance security within ten (10) calendar days from receipt of the Notice of Award.

Until a formal contract/order confirmation is prepared and signed, this Bid is binding on us.

	Name of Company (in print)
Signati	ure of Company Authorized Representative
	Name & Designation (in print)

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Section VII. **Revised Technical Specifications**

Instruction to Bidders: Please fill up the form accordingly and sign the Bidder's Undertaking. Failure to conform will result in a rating of "FAILED".

	Bidder's Statement of Compliance*		
A. Equipment	1:	One (1) set of Echo Sounder	
Mode	1: 1	Auto, Shallow and Manual	
High Frequency	1: 1	150 kHz – 250 kHz	
Low Frequency	1: 1	25 kHz - 45 kHz	
Resolution	1: 1	1 – 2 cm	
Ping Rate	1: 1	10 - 20 Hz (depth dependent)	
Accuracy	1:	±1 cm with + 0.1% of the depth of water	
Depth Range	1: 1	0.3 - 100 m	
Sound Velocity	1:	1300 m/s – 1800 m/s	
Operating Temperature	1: 1	50°C (max)	
Power Consumption	1: 1	2W (max)	
		Carrying Case	
Others/ Assessmen	1. 1	Pole (0.5 – 2 meters)	
Others/ Accessories	-	Transducer (dual)	
		Clamp Holder	
The echo sounder must	be c	designed to connect easily to RTK/GNSS Receiver,	
computer or hand contr	olle		
computer or hand contr B. Equipment	olle. <u>:</u>	One (1) set of RTK/GNSS Receiver	
computer or hand contr	olle. <u>:</u>		
computer or hand contr B. Equipment Channels Maximum Data Rate	olle: <u>:</u> :	One (1) set of RTK/GNSS Receiver	
computer or hand contr B. Equipment Channels Maximum Data Rate	olle	One (1) set of RTK/GNSS Receiver 500 – 600 Channels 70 - 90 kHz 8-15s (hot start); 35-45s (cold start)	
computer or hand contr B. Equipment Channels Maximum Data Rate Time to First Fix	olle	One (1) set of RTK/GNSS Receiver 500 – 600 Channels 70 - 90 kHz	
computer or hand contr B. Equipment Channels Maximum Data Rate Time to First Fix Data Logging	: : : : : : : : : : : : : : : : : : :	One (1) set of RTK/GNSS Receiver 500 – 600 Channels 70 - 90 kHz 8-15s (hot start); 35-45s (cold start) 0.1 – 1 s 32 GB	
computer or hand contr B. Equipment Channels Maximum Data Rate Time to First Fix Data Logging Internal Memory	: : : : : : : : : : : : : : : : : : :	One (1) set of RTK/GNSS Receiver 500 – 600 Channels 70 - 90 kHz 8-15s (hot start); 35-45s (cold start) 0.1 – 1 s	
computer or hand contr B. Equipment Channels Maximum Data Rate Time to First Fix Data Logging Internal Memory	colle	One (1) set of RTK/GNSS Receiver 500 – 600 Channels 70 - 90 kHz 8-15s (hot start); 35-45s (cold start) 0.1 – 1 s 32 GB Horizontal: (8+1x10-6 D) mm – (10 + 1x10-6 D) mm Vertical: (15 + 1x10-6 D) mm – (18 + 1x10-6 D) mm	
computer or hand contr B. Equipment Channels Maximum Data Rate Time to First Fix Data Logging Internal Memory Real Time Kinematics Post Processing	colle	One (1) set of RTK/GNSS Receiver 500 – 600 Channels 70 - 90 kHz 8-15s (hot start); 35-45s (cold start) 0.1 – 1 s 32 GB Horizontal: (8+1x10-6 D) mm – (10 + 1x10-6 D) mm Vertical: (15 + 1x10-6 D) mm – (18 + 1x10-6 D) mm Horizontal: (2.5 + 1x10-6 D) mm – (3 + 1x10-6 D) mm	
computer or hand contr B. Equipment Channels Maximum Data Rate Time to First Fix Data Logging Internal Memory Real Time Kinematics Post Processing	colle	One (1) set of RTK/GNSS Receiver 500 – 600 Channels 70 - 90 kHz 8-15s (hot start); 35-45s (cold start) 0.1 – 1 s 32 GB Horizontal: (8+1x10-6 D) mm – (10 + 1x10-6 D) mm Vertical: (15 + 1x10-6 D) mm – (18 + 1x10-6 D) mm Horizontal: (2.5 + 1x10-6 D) mm – (3 + 1x10-6 D) mm Vertical: (4 + 1x10-6 D) mm – (5 + 1x10-6 D) mm	
computer or hand contr B. Equipment Channels Maximum Data Rate Time to First Fix Data Logging Internal Memory Real Time Kinematics Post Processing Statistics		One (1) set of RTK/GNSS Receiver 500 – 600 Channels 70 - 90 kHz 8-15s (hot start); 35-45s (cold start) 0.1 – 1 s 32 GB Horizontal: (8+1x10-6 D) mm – (10 + 1x10-6 D) mm Vertical: (15 + 1x10-6 D) mm – (18 + 1x10-6 D) mm Horizontal: (2.5 + 1x10-6 D) mm – (3 + 1x10-6 D) mm Vertical: (4 + 1x10-6 D) mm – (5 + 1x10-6 D) mm 6000 – 7000 mAh	
computer or hand contr B. Equipment Channels Maximum Data Rate Time to First Fix Data Logging Internal Memory Real Time Kinematics Post Processing Statistics		One (1) set of RTK/GNSS Receiver 500 – 600 Channels 70 - 90 kHz 8-15s (hot start); 35-45s (cold start) 0.1 – 1 s 32 GB Horizontal: (8+1x10-6 D) mm – (10 + 1x10-6 D) mm Vertical: (15 + 1x10-6 D) mm – (18 + 1x10-6 D) mm Horizontal: (2.5 + 1x10-6 D) mm – (3 + 1x10-6 D) mm Vertical: (4 + 1x10-6 D) mm – (5 + 1x10-6 D) mm	
computer or hand contr B. Equipment Channels Maximum Data Rate Time to First Fix Data Logging Internal Memory Real Time Kinematics Post Processing Statistics		One (1) set of RTK/GNSS Receiver 500 – 600 Channels 70 - 90 kHz 8-15s (hot start); 35-45s (cold start) 0.1 – 1 s 32 GB Horizontal: (8+1x10-6 D) mm – (10 + 1x10-6 D) mm Vertical: (15 + 1x10-6 D) mm – (18 + 1x10-6 D) mm Horizontal: (2.5 + 1x10-6 D) mm – (3 + 1x10-6 D) mm Vertical: (4 + 1x10-6 D) mm – (5 + 1x10-6 D) mm 6000 – 7000 mAh 2 Carrying Case (base and rover) Pole (1-3 meters)	
computer or hand contr B. Equipment Channels Maximum Data Rate Time to First Fix Data Logging Internal Memory Real Time Kinematics Post Processing Statistics		One (1) set of RTK/GNSS Receiver 500 – 600 Channels 70 - 90 kHz 8-15s (hot start); 35-45s (cold start) 0.1 – 1 s 32 GB Horizontal: (8+1x10-6 D) mm – (10 + 1x10-6 D) mm Vertical: (15 + 1x10-6 D) mm – (18 + 1x10-6 D) mm Horizontal: (2.5 + 1x10-6 D) mm – (3 + 1x10-6 D) mm Vertical: (4 + 1x10-6 D) mm – (5 + 1x10-6 D) mm 6000 – 7000 mAh 2 Carrying Case (base and rover)	
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computer or hand contr B. Equipment Channels Maximum Data Rate Time to First Fix Data Logging Internal Memory Real Time Kinematics Post Processing Statistics Power Consumption		One (1) set of RTK/GNSS Receiver 500 – 600 Channels 70 - 90 kHz 8-15s (hot start); 35-45s (cold start) 0.1 – 1 s 32 GB Horizontal: (8+1x10-6 D) mm – (10 + 1x10-6 D) mm Vertical: (15 + 1x10-6 D) mm – (18 + 1x10-6 D) mm Horizontal: (2.5 + 1x10-6 D) mm – (3 + 1x10-6 D) mm Vertical: (4 + 1x10-6 D) mm – (5 + 1x10-6 D) mm 6000 – 7000 mAh 2 Carrying Case (base and rover) Pole (1-3 meters) 2 UHF Antennas (TNC)	
computer or hand contr B. Equipment Channels Maximum Data Rate Time to First Fix Data Logging Internal Memory Real Time Kinematics Post Processing	olle	One (1) set of RTK/GNSS Receiver 500 – 600 Channels 70 - 90 kHz 8-15s (hot start); 35-45s (cold start) 0.1 – 1 s 32 GB Horizontal: (8+1x10-6 D) mm – (10 + 1x10-6 D) mm Vertical: (15 + 1x10-6 D) mm – (18 + 1x10-6 D) mm Horizontal: (2.5 + 1x10-6 D) mm – (3 + 1x10-6 D) mm Vertical: (4 + 1x10-6 D) mm – (5 + 1x10-6 D) mm 6000 – 7000 mAh 2 Carrying Case (base and rover) Pole (1-3 meters) 2 UHF Antennas (TNC) 4 Li-ion Batteries	
computer or hand contr B. Equipment Channels Maximum Data Rate Time to First Fix Data Logging Internal Memory Real Time Kinematics Post Processing Statistics Power Consumption Others/	olle	One (1) set of RTK/GNSS Receiver 500 – 600 Channels 70 - 90 kHz 8-15s (hot start); 35-45s (cold start) 0.1 – 1 s 32 GB Horizontal: (8+1x10-6 D) mm – (10 + 1x10-6 D) mm Vertical: (15 + 1x10-6 D) mm – (18 + 1x10-6 D) mm Horizontal: (2.5 + 1x10-6 D) mm – (3 + 1x10-6 D) mm Vertical: (4 + 1x10-6 D) mm – (5 + 1x10-6 D) mm 6000 – 7000 mAh 2 Carrying Case (base and rover) Pole (1-3 meters) 2 UHF Antennas (TNC) 4 Li-ion Batteries 2 Chargers	
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computer or hand contr B. Equipment Channels Maximum Data Rate Time to First Fix Data Logging Internal Memory Real Time Kinematics Post Processing Statistics Power Consumption Others/	olle	One (1) set of RTK/GNSS Receiver 500 – 600 Channels 70 - 90 kHz 8-15s (hot start); 35-45s (cold start) 0.1 – 1 s 32 GB Horizontal: (8+1x10-6 D) mm – (10 + 1x10-6 D) mm Vertical: (15 + 1x10-6 D) mm – (18 + 1x10-6 D) mm Horizontal: (2.5 + 1x10-6 D) mm – (3 + 1x10-6 D) mm Vertical: (4 + 1x10-6 D) mm – (5 + 1x10-6 D) mm Vertical: (4 + 1x10-6 D) mm – (5 + 1x10-6 D) mm 6000 – 7000 mAh 2 Carrying Case (base and rover) Pole (1-3 meters) 2 UHF Antennas (TNC) 4 Li-ion Batteries 2 Chargers 2 Steel Plates 1 Aluminum Tripod (1-1.5 meter)	

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TECHNICAL REQUIREMENTS			Bidder's Statement of Compliance*
C. Equipment	:	One (1) Set of Rugged Controller	
Operating System	:	Windows Mobile 6 (minimum)]
Storage	:	32 GB	-
Camera	:	4-8 megapixels	
Wi-Fi	:	Yes	
Bluetooth	:	Yes	
Screen		3.5 - 4 inches	**
Working Time	:	8 – 11 hours	
Battery Supply	:	3000 – 4000 mAh	•
Others/ Accessories	:	1 Battery, 1 Controller Holder	
D. Equipment	:	One (1) Set of External Radio	
Frequency	:	400 – 500 MHz	
Channel Spacing	:	10 KHz / 20 KHz	
Input Voltage	-	10 – 15 V DC	
UHF Antenna	· ·	TNC	
Adjacent Channel Inhibition	:	50-75 dB	
Others/ Accessories	:	1 USB Cable (1 meter)	
E. Software		One (1) Hydrographic Software	
		User-friendly	
		Built-in map downloader allows to source street map data or satellite imagery	
Key Features		Generate graphical view of channel cross sections	
		Compatible with a wide range of hardware	
		Able to calculate the volume of the whole dredging operations	

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EASE INDICATE THE B	RAND OF THE FOLLOWING ITEMS BEING OFFERED IN							
	THE SPACE PROVIDED							
Echo Sounder								
RTK/GNSS Receiver								
Controller								
External Radio								
Software								
I hereby certify to	comply with the above Technical Specifications.							
Name of Company (in print)								
					Signature of Company Authorized Representative			
	Name & Designation (in print)							
	Date							
	Echo Sounder RTK/GNSS Receiver Controller External Radio Software							

^{*}Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of ITB a(ii) and or GCC Clause (iii).

DENR BIDS AND AWARDS COMMITTEE REVISED CHECKLIST OF TECHNICAL AND FINANCIAL DOCUMENTS

Project:

PROCUREMENT OF ECHO SOUNDER AND REAL-TIME KINEMATIC/GLOBAL

NAVIGATION SATELLITE SYSTEMS (RTK/GNSS) RECEIVER FOR THE

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES - MANILA BAY

COORDINATING OFFICE (DENR-MBCO)

Bid Ref. No. Bid Ref. No. DENR-CO-2021-007

APPROVED BUDGET FOR THE CONTRACT: P2,250,000.00

ENVELOPE 1: TECHNICAL COMPONENT CLASS "A" DOCUMENTS A. LEGAL DOCUMENTS (a) Valid and current Certificate of PhilGEPS Registration (Platinum Membership) issued to bidder; [Note: The valid and current Certificate of Registration (Platinum Membership) shall reflect the updated eligibility documents. Should the Annex A of said Certificate reflects not updated documents, the bidder shall submit, together with the certificate certified true copies of the updated documents] OR (b) Registration certificate from SEC, Department of Trade and Industry (DTI) for sole proprietorship, or CDA for cooperatives or its equivalent document; and (c) Copy of 2021 Business/Mayor's permit issued to bidder by the city or municipality where the principal place of business of the bidder is located or the equivalent document for Exclusive Economic Zones or Areas and (d) Current and valid Tax Clearance per E.O. 398, series of 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR); **B. TECHNICAL DOCUMENTS** (e) 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 (per Annex I); (f) Statement of the Bidder's Single Largest Completed Contract (SLCC) of similar nature within the last five (5) years from date of submission and receipt of bids equivalent to at least fifty (50%) of the total ABC (per Annex I-A) Similar in nature shall mean "Procurement of Land and Hydrographic Survey Equipment". Any of the following documents must be submitted/attached corresponding to listed completed largest contracts per Annex I-A: Copy of End User's Acceptance; or Copy of Official Receipt/s or Sales Invoice or Collection Receipt/s

(g) Original Bid Security must be issued in favor of the DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES (DENR) (must be valid for at least 120 calendar days from the date of bid opening); any one of the following forms:

Project ABC (P)	Bid Security: Cash, Cashier's/ Manager's Check, Bank Draft / Guarantee, Irrevocable Letter of Credit (2%) (P)	Bid Security: Surety Bond (5%) (P)	Original Bid Securing Declaration
2,250,000.00	45,000.00	112,500.00	No required Amount

- 1. Bid Securing Declaration per Annex II;
- 2. The Cashier's/Manager's Check shall be issued by a Local, Universal or Commercial Bank
- 3. The Bank Draft/Guarantee or Irrevocable Letter of Credit shall be issued by a Local Universal or Commercial Bank; or
- 4. Should bidder opt to submit a Surety Bond as Bid Security, the surety bond must be callable on demand and must be issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such bond. Together with the surety bond, a certification from Insurance Commission must be submitted by the bidder which must state that the surety or insurance company is specifically authorized to issue surety bonds.
- For submission of Bank Draft/Guarantee or Irrevocable Letter of Credit or Surety Bond, the following must be stated/specified in the Bid Security pursuant to Section III, ITB Clause 18.5, to wit:

The following are the grounds for forfeiture of Bid Security

IF A BIDDER:

- a) Withdraws its bid during the period of bid validity.
- Does not accept the correction of errors pursuant to Section 32.2.1 of the IRR of RA 9184
- Fails to submit the Post Qualification requirements within the prescribed period or a finding against their veracity thereof.
- d) Submission of eligibility requirements containing false information or falsified documents.
- e) Submission of bids that contain false information or falsified documents, or the concealment of such information in the bids in order to influence the outcome of eligibility screening or any other stage of the public bidding.
- f) Allowing the use of one's name, or using the name of another for purposes of public bidding.
- g) Withdrawal of a bid, or refusal to accept an award, or enter into contract with the Government without justifiable cause, after the Bidder had been adjudged as having submitted the Lowest Calculated and Responsive Bid.
- h) Refusal or failure to post the required performance security within the prescribed time.
- Refusal to clarify or validate in writing its bid during post-qualification within a period of seven (7) calendar days from receipt of the request for clarification.
- Any documented unsolicited attempt by a bidder to unduly influence the outcome of the bidding in his favor.
- Failure of the potential joint venture partners to enter into the joint venture after the bid is declared as successful.
- All other acts that tend to defeat the purpose of the competitive bidding, such as habitually withdrawing from bidding, submitting late Bids or patently insufficient bid, for at least three (3) times within a year, except for valid reasons.

• IF THE SUCCESSFUL BIDDER:

- fails to sign the contract in accordance with Section 40 of the Revised IRR of RA 9184;
 or
- fails to furnish performance security in accordance with Section 40 of the Revised IRR of RA 9184.

Note: Duly notarized or unnotarized Bid Securing Declaration shall be accepted pursuant to GPPB Resolution No. 09-2020 dated 07 May 2020.

	(h) Conformity with Section VI. Revised Schedule of Requirements and Section VII. Revised Technical Specifications, as enumerated and specified in the Supplemental/Bid Bulletin No.1					
	(i) Original Omnibus Sworn Statement in accordance with Section 25.3 of the IRR of RA 9184 and using the prescribed form attached as Annex III with attached Proof of Authority of the bidder's authorized representative/s:					
	 i. FOR SOLE PROPRIETORSHIP (IF OWNER OPTS TO APPOINT A REPRESENTATIVE): Notarized or unnotarized Special Power of Attorney. ii. FOR CORPORATIONS, COOPERATIVE OR THE MEMBERS OF THE JOINT VENTURE: Notarized or unnotarized Secretary's Certificate evidencing the authority of the designated representative/s. 					
_	 Notes: 1) Should there be more than one (1) appointed authorized representatives, use the word "any of the following" or "OR", otherwise, all authorized representatives must sign/initial the bid submission. 2) Unnotarized documents shall be accepted pursuant to GPPB Resolution No. 09-2020 dated 07 May 2020. 					
	IN THE CASE OF UNINCORPORATED JOINT VENTURE: Each member shall submit a separate Special Power of Attorney and/or Secretary's Certificate evidencing the authority of the designated representative/s.					
C. FINANCIAL DOCUMENTS						
	(j) Audited Financial Statements (AFS) for CY 2020 with stamped "received" by the Bureau of Internal Revenue (BIR) or its duly accredited and authorized institutions dated 2021.					
	(k) Net Financial Contracting Capacity (NFCC) computation, in accordance with ITB Clause 5.5, (per Annex IV).					
□	The NFCC computation must be equal to the ABC of this project. The detailed computation using the required formula must be provided.					
	<u>OR</u>					
Class "B" Document: (For Joint Venture)						
If applicable, For Joint Ventures, Bidder to submit either:						
	 (i) Copy of the JOINT VENTURE AGREEMENT (JVA) in case the joint venture is already in existence, or (ii) Copy of Protocol/Undertaking of Agreement to Enter into Joint Venture (Annex V) signed by 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 and must be in accordance with Section 23.1 (b) of the IRR In case the joint venture is not yet in existence, the submission of a valid JVA shall be within ten (10) calendar days from receipt by the bidder of the notice from the BAC that the bidder is the Lowest Calculated and Responsive Bid [Sec 37.1.4 (a) (i)] (I) The JVA or the Protocol/Undertaking of Agreement to Enter into Joint Venture (per Annex V) must include/specify the company/partner and the name of the office designated as authorized representative of the Joint Venture. 					

ENVELOPE 2: FINANCIAL DOCUMENTS

- (a) Completed and signed Financial Bid Form. Bidder must use, accomplish and submit Bid Form (Annex VI); and
- (b) Original of duly signed and accomplished Price Schedule(s) (Annex VI-A or VI-B).

The ABC is inclusive of VAT. Any proposal with a financial component exceeding the ABC shall not be accepted.

Note: In case of inconsistency between the Checklist of Requirements for Bidders and the provisions in the Instruction to Bidders/Bid Data Sheet, the Instruction to Bidders/Bid Data Sheet shall prevail.