



**BSWM- BIDS AND AWARDS COMMITTEE
 SUPPLEMENTAL BID BULLETIN NO. 1**

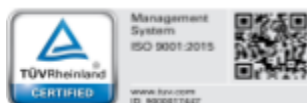
CONTRACT: Supply and Delivery of 19-units of RTK Surveying Instrument -IB No. BSWM 2025-01-028

This Addendum is being issued in accordance with Section 22.5.2 of the IRR of RA 9184, to clarify and modify some provisions of the Bidding Document. **THIS SHALL FORM AN INTEGRAL PART OF THE BID DOCUMENT.** Likewise, the succeeding agreements and reminders were discussed during the Pre-Bid Conference held last January 23, 2025, at the BSWM Lecture Room 2 and via Videoconferencing-Zoom.

I. AMENDMENTS OF THE BIDDING DOCUMENT:

ORIGINAL			AMENDED		
Section VI. Schedule of Requirements			Section VI. Schedule of Requirements		
Description	Qty	Delivered, Weeks/Months	Description	Qty	Delivered, Weeks/Months
Supply and Delivery of various Topographic Surveying Equipment for CY 2025		Lot 1- within forty-five (45) calendar days from receipt of notice to proceed. Lot 2- within forty-five (45) calendar days from receipt of notice to proceed. Lot 3- within ninety (50) calendar days from receipt of notice to proceed. Lot 4- within forty-five (45) calendar days from receipt of notice to proceed.	Supply and Delivery of 19-units of RTK Surveying Instrument for CY 2025	1 Lot	within forty-five (45) calendar days from receipt of notice to proceed.
			<i>(Lots 2, 3, and 4 have been awarded as part of EPA)</i>		
			Section VII. Revised Technical Specifications		

II. CLARIFICATIONS RAISED DURING PREBID CONFERENCE



CLARIFICATIONS	AGREEMENT
<p>1. Is this a re-bid project?</p>	<p><i>This project is part of the failed procurement during the Early Procurement Activity for FY 2025.</i></p>
<p>2. Clarifications on the Technical Specifications</p> <p>I. <u>GNSS Receivers</u></p> <p>a. On the 'Minimum of 670 channels' <u>Suggestion from Certeza:</u> 500-670 channels</p> <p>b. On the 'With built-in tilt compensation Horizontal = RTK + 5mm +0.4mm/ ° tilt (up to 30 °)' <u>Suggestion from SurveyTech:</u> higher than 30°</p> <p>c. Can we offer a product that has the 'similar technology' for this specification? - SurveyTech</p> <ul style="list-style-type: none"> • Has technology for mitigation of ionospheric GNSS signal disruption • Has Spectrum Analyzer to troubleshoot GNSS jamming • Has Digital Signal Processor techniques to detect and recover spoofed GNSS signals 	<p>a. <i>Retain. Minimum 670 channels</i></p> <p>b. <i>Minimum 30°, with the required horizontal accuracy stated in the specifications</i></p> <p><u>For B and C:</u> <i>Prospective bidders may send their product offer supported with brochures, for review of the End-User and TWG (ie. details to support why it is similar technology)</i> <i>For clarifications re. per line specification, please cite the specific line/specification.</i></p>
<p>II. <u>GPS Controller with Field Software (2 units) - same brand as the GNSS receivers</u></p> <p>a. V. Display: 7inch, 1280x800 landscape, 16:10, 800 nits sunlight readable, multitouch</p> <p><u>Suggestion from SurveyTech:</u> Can we propose a smaller, lightweight display that is more convenient for the surveyor to carry?</p>	<p>a. <i>Retain. We cannot make the screen smaller, for convenience in visibility. 7-inch is an optimum size.</i></p>
<p>III. <u>External Radio (1 unit) - same brand as the GNSS Receivers</u></p> <p>a. <i>Question from SurveyTech:</i> What is the specification for the radio measurement (range)?</p>	<p>a. <i>No specification; the other specifications will suffice</i></p>
<p>IV. <u>Post-Processing Software with perpetual license (1 unit) - same brand as the GNSS Receiver</u></p>	



CLARIFICATIONS	AGREEMENT
a. <i>Question from SurveyTech:</i> Can we offer our own brand for post-processing software?	a. <i>We prefer the same brand as the GNSS receiver.</i>
V. OTHER CONDITIONS a. <i>Question from SurveyTech:</i> Can we offer a warranty for more than 1 year? b. <i>Question from SurveyTech:</i> On the Training: 3 days training; minimum of 16 pax	a. <i>Yes, you may, as the minimum warranty requirement is one year.</i> b. <i>Training will be conducted upon complete delivery of items. The winning bidder shall provide meals and accommodation to the participants. The actual delivered items will be used during the training.</i>
3. Further clarifications	<i>Written clarifications will be entertained until January 28, 2025.</i>

REMINDERS DURING THE PRE-BID CONFERENCE:

RA 9184 Section 30.1:

Bidding will be conducted through open competitive bidding procedures using a non-discretionary “pass/fail” criterion as specified in the Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184, otherwise known as the “Government Procurement Reform Act”.

“Any lacking document can cause the submitted bid to be automatically rated failed.”

GPPB Resolution No. 15-2021 dated October 14, 2021

For the purpose of updating the Certificate of Registration and Membership, **all Class “A” eligibility documents** mentioned in Section 8.5, supporting the veracity, authenticity and validity of the Certificate **shall remain current and updated**. The **failure by the prospective bidder to update its Certificate with the current and updated Class “A” eligibility documents shall result in the automatic suspension of the validity of its Certificate** until such time that all of the expired Class “A” eligibility documents has been updated.

- Below are the **acceptable forms of bid security** that bidders may opt to use, **which shall include the Bid Securing Declaration**. The amount of which shall not be less than the required percentage of the ABC in accordance with the following schedule:

Form of Bid Security	Amount of Bid Security (Not less than the required Percentage of the ABC)
Cash or cashier’s/manager’s check issued by a Universal or Commercial Bank.	Two percent (2%)
Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank.	Two percent (2%)
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%)

Bid Securing Declaration (Signed and Notarized)	
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NOTE: Bidders SHALL use ATTACHED template of Bid Securing Declaration.

Other forms of Bid Securing Declaration will NOT BE ACCEPTED and SHALL BE RATED “FAILED”.

Please note that your Bids and Bid Securities should be valid and firm for a period that shall not exceed one hundred twenty (120) calendar days after the date of the opening of bids.

- Net Financial Contracting Capacity (NFCC):

The computation of a prospective bidder’s NFCC must be **at least equal to the ABC to be bid** or, for procurement by lot, **at least equal to the sum of all the ABCs of lots to which it participated.**

NFCC= Current assets minus current liabilities multiplied by 15 (constant factor) minus the value of all outstanding or uncompleted portions of on-going contracts, including awarded contract/s yet to be started, coinciding with the contract to be bid.

Important Reminders:

Supplier **shall coordinate with the End-user and Property Management Unit for the final schedule of delivery.**

To schedule the delivery, please click this link or scan the QR code:

<https://sites.google.com/view/pmu-scheduleofdelivery/home>



Sealing and Marking of Bid:

The bidders shall submit:

- ✓ One (1) ORIGINAL COPY.
- ✓ One (1) DUPLICATE COPY.
- ✓ One (1) PDF COPY in a USB – to be placed inside the Duplicate Copy of Technical Proposal and Duplicate Copy of Financial Proposal.

NOTE:

- All photocopied documents must be stamped and signed “Certified True Copy”.
- And all pages/documents must be duly signed by the authorized representative (both original and duplicate copies).
- For easy reference, all bidders are requested to provide dog-ear codes/ tabs in the presentation of their documents.
- **One (1) bid proposal for each lot participated in**, if applicable.

Reminders:

- Bidders responsibility to read, study, and review the Bidding Document and Bid Bulletin/s of the procurement project.
- Further clarification/s on the Bidding Document shall be in writing and must be submitted 10 days before the Opening of Bids.



- All bidders who wish to join the bidding shall download the attached document from PhilGEPS website to be included in the Document Request List (DRL).
- Bidders may download the updated Bidding Forms at GPPB Website (<https://www.gppb.gov.ph/downloadables.php>).
- In case of withdrawal of submitted bid, a letter stating their intention to withdraw from the project should be submitted by the bidder not later than the scheduled deadline of submission and opening of bids.
- Bidders declared to have the Lowest/ Single Calculated Bid will be subject for Post-qualification.
- Bidder shall submit the additional requirements listed on the NOTICE as LCB/ SCB within five (5) calendar days from receipt of Notice for Post qualification. Non-compliance can be grounds for post-disqualification.
- Winning Bidders declared to have the Lowest/Single Calculated and Responsive Bid shall submit its Performance Bond and Signed Contract Agreement within ten (10) calendar days from receipt of Notice of Award. Non-compliance can be grounds for forfeiture of award.
- Bidders shall comply **STRICTLY** with Section VI. Schedule of Requirement

Note:

NO EXTENSION shall be accepted/ entertained except on meritorious grounds. Late delivery without approved extension request shall be liable for liquidation damages in accordance with Section 3.1 Annex D of RA 9184.

Letter of extension shall be received by the BAC Secretariat before the lapse of the original delivery requirement.

Clause 4. Section II. Instruction to Bidders: Corrupt, Fraudulent, Collusive, and Coercive Practices

The Procuring Entity, as well as the Bidders and Suppliers, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex "I" of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.


Interested Bidders **may acquire the bidding documents until February 05, 2025, 3:00PM** at the BSWM Procurement Management Section, 2nd Floor, SRDC Bldg. Visayas Ave., Diliman, Quezon City.

DEADLINE/SCHEDULE OF SUBMISSION AND OPENING OF BIDS:

The deadline of **submission of bid proposals** is on **February 06, 2025, 9:00AM**. Late submission shall not be accepted. **Opening of Bids** is on **February 06, 2025, 9:30AM** at BSWM Convention Hall and via videoconferencing.

For guidance and information of all concerned.

DENISE A. SOLANO

BAC Chairperson 

ANNEX A

REVISED SECTION VII. TECHNICAL SPECIFICATIONS

SPECIFICATION FOR RTK SURVEYING INSTRUMENT (19 UNITS)		Statement of Compliance
Composition: Set of Global Navigation Satellite System Real Time Kinematics (GNSS RTK) Receivers and Controllers with Processing Software; One (1) Base Station, Two (2) Rover Receivers, Two (2) Field Controllers, One (1) External Radio, Accessories & One (1) Laptop Computer		
A. GNSS Receivers (1 Base Station and 2 Rover Receivers)		
1	Base Station and Rover receivers are the same model and interchangeable	
2	Rover position update rate range = up to 20 Hz	
3	Minimum of 670 channels	
4	GNSS Upgrades: with GPS, GLONASS, Galileo, Beidou, QZSS, SBAS, L-band	
5	Rover: with correction back-up feature for RTK up to 5 minutes	
a.	Horizontal = RTK + 10mm/minute RMS	
b.	Vertical = RTK + 20mm/minute RMS	
6	Mobile Satellite Service Option	
a.	Horizontal = maximum 2 cm	
b.	Vertical = maximum 3 cm	
7	With built-in Tilt Compensation	
a.	Horizontal = RTK + 5mm +0.4mm/ ° tilt (up to 30 °)	
b.	Bias Monitoring: Temperature, age and shock	
c.	IMU alignment: Calibration-free and immune to magnetic interference	
8	HIGH PRECISION STATIC:	
a.	Horizontal = (at least 3mm) + 0.1 ppm	
b.	Vertical = (at least 3.5mm) + 0.4 ppm	
9	REAL TIME KINEMATIC POSITIONING:	
a.	Horizontal = (at least 8mm) + 1 ppm RMS	
b.	Vertical = (at least 15 mm) +1 ppm RMS	
10	TEMPERATURE	
a.	Operating = must operate from -40 °C to + 65 °C	

	b.	Storage = could be stored from -40 °C to + 80 °C	
11	OPERATION TIME ON INTERNAL BATTERY		
	a.	minimum of 3.5 hrs : for one (1) battery	
12	IP Rating: at least IP67		
13	COMMUNICATIONS		
	a.	Serial: 3 wire RS-232 and Lemo, Wi-fi, Bluetooth, Cellular (Fully integrated)	
	b.	Correction Format - Input / Output: CMR+, CMRX, RTCM 2.X, RTCM 3.X	
	c.	Data output : NMEA 0183, GSOF, RT17 and RT27	
	d.	Integrated radio: 410-473 MHz	
	e.	Internal memory: minimum of 9 GB	
14	Has technology for mitigation of ionospheric GNSS signal disruption		
15	Has Spectrum Analyzer to troubleshoot GNSS jamming		
16	Has Digital Signal Processor techniques to detect and recover spoofed GNSS signals		
17	Has Multipath signal rejection		
18	Accessories		
	a.	One (1) Heavy duty tripod with tribrach for base	
	b.	Two (2) Range Pole with Bipod for Rovers	
	c.	Two (2) extra batteries per receiver	
	d.	User's manual, data download cables, charger, antenna	
B. GPS Controller with Field Software (2 units) - same brand as the GNSS receivers			
	a.	Environmental specifications (Meets or exceed)	
		I. Operating temperature = must operate from -30 °C to +60 °C	
		II. Storage temperature = must operate from -40 °C to +70 °C	
		III. Humidity 90% RH temp cycle	
		IV. Sand & dust IP6X	
		V. Water Ipx8: immersed in 1 m depth for 2 hours	
	b.	Electrical specifications	
		I. Processor: 64-bit quad-core	
		II. Memory: minimum of 8 GB RAM	
		III. Storage: minimum 128 GB	
		IV. Battery life: at least 8 hours typical	
		V. Display: 7inch, 1280x800 landscape, 16:10, 800 nits sunlight readable, multitouch capacitive	
		VI. Keyboard: QWERTY or ABCD	
		VII. Audio: speaker and microphone with 3.5 mm mini-jack	
		VIII. Wireless: Bluetooth, Wi Fi, WWAN	
	c.	GNSS: Integrated GNSS	
	d.	Sensors: 3-axis accelerometer, magnetic sensor, proximity sensor, ambient light sensor	
	e.	Camera: Rear Camera 8MP autofocus with flash, front cam 2 MP fixed Focus	

f.	Field Software	
	Designed to Support Topographic surveys, Staking, control	
	Powerful COGO routines RTK and PPK capable	
	Graphical Staking of points, lines arcs and alignments from active maps	
	Has connected workflow that:	

		- can automatically upload data from field to office or vice versa - can access the files anywhere, anytime at any device - can automatically backup survey data * provided that the controller has internet connection	
C. External Radio (1 unit) - same brand as the GNSS Receivers			
a.	General:		
	I. Communication: 1 RS-232 port, 115.2 kbps maximum		
	II. User Interface: 5 navigation buttons with 128x64 graphical OLED, four status LEDs		
b.	Modem Specifications:		
	I. Link Rate/Modulation: 4FSK: 19200 bps (25 kHz), 9600 bps (12.5 kHz) GMSK: 19200/16000/9600/4800 bps (25 kHz), 9600/8000/4800 bps (12.5 kHz)		
c.	Radio Specifications:		
	I. Frequency Bands: 403 MHz to 473 MHz		
	II. RF Transmitter Output: up to 35W		
d.	Environmental Specifications:		
	I. Enclosure: IP67		
	III. Operating Temperature (transmitter): -20 °C to +55 °C: Functional		
	IV. Storage Temperature: -40 °C to +85 °C		
	V. Drop/vibration/shock: EN 60068-2-31:2008 / IEC 60068-2-64:2008 / EN 60068-2-27:2008		
e.	Mechanical Specifications:		
	I. Data/Power Connector: 5-pin ODU/2-pin ODU		
	II. RF Connector: 50 Ohm, TNC female		
D. Laptop for Data Processing			
a.	Display: 14 inch or bigger		
b.	Memory: minimum of 8GB		
c.	Storage: minimum of 1TB		
d.	Processor: intel core i9 or better		
e.	OS: Windows 11 Home or better		
E. Post-Processing Software with perpetual license (1 unit) - same brand as the GNSS Receivers			
a.	GNSS Post-processing (Baseline Processing) with Report		
b.	Network and traverse adjustment with Report		
c.	Site calibrations		
d.	Data Processing, Adjustments and Integration (Data sets from GNSS receivers, total stations, digital levels)		
e.	Has a coordinate system management feature		



	f.	Can import third party file formats (RINEX, shp, IFC, CSV, DXF)	
OTHER CONDITIONS			
A. Warranty			
	GNSS Receivers and Controllers: minimum of 1 year warranty		
B. Technical Support: phone access and site visit			
C. Training: 3 days training; minimum of 16 pax (upon complete delivery) Inclusive of meals and accommodation			
E. Bidders must be an Authorized Dealer and shall provide a certificate or letter from the manufacturer (Submitted during Opening of Bids as part of Technical Proposal)			
F. Delivery Period : within forty five (45) calendar days from receipt of notice to proceed.			
G. With at least five (5) years' Experience in Supplying Topographic Surveying equipment (validated during post qualification)			

Compliance with Section VI. Schedule of Requirements	
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Name and Signature of Authorized Representative

Company Name

Date Signed

ANNEX B

BSWM Bid Securing Declaration Form

[shall be submitted with the Bid if bidder opts to provide this form of Bid Security]

REPUBLIC OF THE PHILIPPINES)
CITY OF _____) S.S

BID SECURING DECLARATION

Project Identification No.: [Insert number]

To: *[Insert name and address of the Procuring Entity]*

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
2. I/We shall furnish the required performance security within ten (10) calendar days in/ Case of receipt of Notice of Award (pursuant to GPPB Circular No. 04-2020 and GPPB Resolution No. 16-2020).
3. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
4. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
 - a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
 - b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
 - c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this _____ day of [month] [year] at [place of execution].

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]
Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]



ANNEX C
Omnibus Sworn Statement (Revised)
[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

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

[If a sole proprietorship:] I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

[If a partnership, corporation, cooperative, or joint venture:] I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

0. *[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)];

0. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**

0. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

0. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

0. *[Select one, delete the rest:]*

[If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a partnership or cooperative:] None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a corporation or joint venture:] None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

0. *[Name of Bidder]* complies with existing labor laws and standards; and

0. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:

- a. Carefully examining all of the Bidding Documents;
- a. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
- a. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
- a. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.

0. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

0. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

IN WITNESS WHEREOF, I have hereunto set my hand this ___ day of ___, 20__ at _____, Philippines.

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]
Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

