



Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**Pampanga 1<sup>st</sup> District Engineering Office**  
Sindalan City of San Fernando (P)

## INVITATION TO BID FOR:

1. Contract ID **25GCG0003**  
Contract Name : Procurement of Three(3) Sets Global Navigation Satellite System (GNSS) Equipment to be used at DPWH –Pampanga 1<sup>st</sup> DEO Planning & Design Section  
(See attached Specification)

1. The **DPWH – Pampanga 1<sup>st</sup> District Engineering Office**, through the following source of fund, intends to apply the sum of the following Approved Budget for the Contract (ABC) to payments under the following contract.

Contract ID No.	Approved Budget for the Contract (ABC) (Php)	Source of Fund
25GCG00023	10,200,000.00	SR2024-11-021283

Bids received in excess of the ABC shall be automatically rejected at bid opening.

2. The **DPWH – Pampanga 1<sup>st</sup> District Engineering Office** through its Bids and Awards Committee now invites bids for above Procurement Project, Delivery of the Goods is required by the following Calendar Days:

Contract ID No.	Calendar Days
25GCG0003	30

3. The **DPWH – Pampanga 1<sup>st</sup> District Engineering Office** through its Bids and Awards Committee now invites bids for the above Procurement Project. Bidders should have completed, within Ten (10) years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents.
4. Bidding will be conducted through open competitive bidding procedures using a nondiscretionary “pass/fail” criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
- a. Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183
5. Interested bidders may obtain further information from the **DPWH – Pampanga 1<sup>st</sup> District Engineering Office** and inspect the Bidding Documents at **Sindalan, City Of San Fernando, Pampanga** during weekdays from **8:00 AM to 5:00 PM**.
6. A complete set of Bidding Documents may be acquired by interested bidders on **March 20 – April 10, 2025** from the address below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of:

Contract ID No.	Cost of Bidding Documents (Php)
25GCG0003	25,000.00

The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person, by facsimile, or through electronic means

7. The **DPWH – Pampanga 1<sup>st</sup> District Engineering Office** will hold a Pre-Bid Conference on **March 28, 2025, 09:00 AM** at the **BAC Office, DPWH- Pampanga 1<sup>st</sup> DEO, Sindalan, CSFP**, and through YouTube Livestreaming via **@DPWH.Pampanga1DEO** the official YouTube channel of DPW- Pampanga 1<sup>st</sup> DEO which shall be open to prospective bidders.
8. Bids must be duly received by the BAC Secretariat at the address below on or before **April 10, 2025, 10:00 AM**. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB**.
9. Bid opening shall be on **April 10, 2025, 10:00 AM** at the **BAC Office, DPWH- Pampanga 1<sup>st</sup> DEO, Sindalan, CSFP** and through YouTube Livestreaming via **@DPWH.Pampanga1DEO** the official YouTube channel of DPW- Pampanga 1<sup>st</sup> DEO, Bids will be opened in the presence of the bidders' representatives who choose to attend at the address below. Late bids shall not be accepted.
10. The **DPWH- Pampanga 1<sup>st</sup> District Engineering Office**, reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Section 41 of RA 9184 and its IRR, without thereby incurring any liability to the affected bidder or bidders.
11. For further information, please refer to:

**NEOPOLO L. MANALOTO, JR.**  
**Head Procurement Unit**  
**(045) 455-23-29**

Approved:

**NOEL G. CANLAS**  
**BAC Chairperson**  
**(045) 455-23-29**



## TECHNICAL SPECIFICATIONS

### Global Navigation Satellite System (GNSS) Equipment

Main Equipment Components	Specifications
<b>Receiver (Base/Rover)</b>	
Multi-frequency (Capable of receiving multitude of signals from any GNSS System)	Single Base RTS, Network RTK, and PPK
Measurement Capability	
Integrated Transmit and Receive Data Link	
Base and Rover Interchangeable (same brand and model)	
Satellite Tracking	GPS, GLONASS, BEIDOU, GALILEO, OZSS, SBAS
No. of Channels	440 channels (min.)
High Accuracy Static (RMS)	Horizontal: 3 mm $\pm$ 0.1 ppm Vertical: 3.5 mm $\pm$ 0.4 ppm
Static and Fast Static (RMS)	Horizontal: 3 mm $\pm$ 0.5 ppm Vertical 5 mm $\pm$ 0.5 ppm
Real Time Kinematic (RTK)	Horizontal: 8 mm $\pm$ 1.0 ppm Vertical: 15 mm $\pm$ 1.0 ppm
Equipment Time to Fix	15secs (max.)
Battery Life	6 hours (min., single/multiple, hot-swappable)
Dust/Water Protection	IP67 (min.)
Communication	Bluetooth, Wi-Fi, USB, Cellular
<b>Field Controller</b>	
Same brand as the receiver or with certificate of compatibility from the manufacturer	
Operating System	Windows/Android OS
Screen size	7" (min.), colored
Internal Storage	32 GB (min.)
External Storage	32 GB (min.)
RAM	4 GB (min.)
Dust/Water Protection	IP67 (min.)
Camera	8MP (min.)
Battery Life	8 hrs. (min., single/ multiple)
Applications Installed	Stake out, volume calculation, and road module applications
(License/Certification attached)	
<b>External Radio</b>	
Same brand as the receiver or with Certificate of compatibility from the manufacturer of main equipment	
Output Power	35W
Frequency Range (UHF)	300Mhz – 3Ghz
With 1 set External Battery	



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BAGONG PILIPINAS

Post Processing Software (License/Certification attached)	
<b>Data Processing Laptop</b>	Display: 15.6" (min.)
	OS: Windows 11 or latest edition
	Processor: 11 <sup>th</sup> Gen/ Intel Core i7 or AMD Ryzen equivalent
	GPU: RTX3060 or better
	RAM: 16GB
	Storage: 1TB SSD
	Warranty: 1 year
Accessories	
<ul style="list-style-type: none"><li>• 1 pc. Base Tripod (same brand as the receiver)</li><li>• 1 pc. Rover Bipod (same brand as the receiver)</li><li>• 1 pc. Rover Pole (same brand as the receiver)</li><li>• 2 pcs. Extra batteries (aside from the installed batteries, Manufacturer's battery)</li><li>• 1 pc. Extra battery (field controller, Manufacturer's battery)</li><li>• 1 pc. USB Flash Driver (32GB)</li><li>• 1 pc. External Hard Drive (1TB)</li><li>• 1 set Dual Head Battery Charger (Manufacturer's Charger)</li><li>• 1 set Equipment Manual</li></ul>	
Other Requirements:	
<ul style="list-style-type: none"><li>• Authorized/Exclusive Distributor's Certificate from the Manufacturer (Apostolate's Certificate attached)</li><li>• Certificate of Manufacturer's Service Support Center in the Philippines</li><li>• With one (1) year Warranty on Factory Defects</li><li>• With at least five (5) yrs. experience in supplying survey equipment</li><li>• With Local Service Center certified by the Manufacturer</li><li>• With five (5) days field and data post-processing training</li><li>• With five (5) years' annual calibration from the Authorized Service Center accredited by the Bureau of Design</li><li>• Actual Demo of equipment prior to award (Verification of equipment range= 5km)</li></ul>	
Additional Notes:	
<ol style="list-style-type: none"><li>1. Specifications of main equipment must be indicated or reflected in the original brochure, manual or technical papers that can be downloaded or reflected in the website of the manufacturer.</li><li>2. Accessories shall be noted "complied" on the bidding documents and shall be checked for compliance upon delivery.</li><li>3. Other Requirements shall be supported by Certificate/s or Documents supporting its compliance.</li><li>4. All technical specification issued prior to the date of this issuance are considered invalid/ obsolete.</li><li>5. Must have reference station with Registration Certificate in the Philippines.</li><li>6. Software must be the same to our existing magnet field.</li><li>7. Must have National Telecommunication Commission Dealer Permit.</li><li>8. Must have reference station with registration Certificate from Namria.</li></ol>	