

BID BULLETIN NO. 2025-01**Design and Build for the Construction/Rehabilitation of Buildings and Facilities at Market Halls 1 & 2 areas of the Navotas Fish Port Complex – Phase I**

This bid bulletin is issued to amend the details and provide additional specifications on the General Items under Section VI - Minimum Performance Standards and Specifications of the bidding documents for the infrastructure project Design and Build for the Construction/Rehabilitation of Buildings and Facilities at Market Halls 1 & 2 areas of the Navotas Fish Port Complex – Phase I. This shall form an integral part of the Bidding Documents.

**TECHNICAL SPECIFICATION
SURVEYING EQUIPMENT****1. SCOPE OF WORKS**

- a. Supply and Delivery of the following:
 - i. One (1) Prism Less Total Station
 - ii. One (1) Handheld Android Data Collector
 - iii. One (1) Permanent License Android X-pad Surveying Software
- b. Provide training for a maximum number of four (4) personnel

2. DELIVERABLES

- a. Supply of Prism Less Total Station with the following components:

| No. | Item | Quantity |
|-----|---|----------|
| 1 | Prismless Total Station | 1 |
| 2 | Battery | 2 |
| 3 | Battery Charger | 1 |
| 4 | Rain Cover | 1 |
| 5 | Operation Manual | |
| 6 | Android Data Collector | 1 |
| 7 | Battery of Data Collector | 1 |
| 8 | Permanent License Certificate X-pad Surveying Software for Data Collector | 1 |
| 8 | Charger for Data Collector | 1 |
| 9 | 8GB USB Flash Drive, with Manual Inside | 1 |
| 10 | Prism Pole, 3.6m | 1 |
| 11 | Heavy Duty Aluminum Dual Lock Tripod | 1 |



3. MINIMUM TECHNICAL SPECIFICATIONS

| No. | Deliverables | Minimum Technical Specifications |
|-----|--|---|
| 1 | Prism less Total Station & Accessories | <ul style="list-style-type: none"> i. 2" Angle Accuracy ii. Prism less 350m iii. Single Prism 3000m iv. Magnifications 30x v. Field of View 2.3m at 100m vi. Minimum Focusing Distance 1.5m vii. Compensator – Dual Axis, 1" accuracy viii. Communication – USB drive with Micro USB, Bluetooth ix. Internal Data Memory – 20,000, 1 GB x. Laser Plummet – 4 Brightness level, 1mm Accuracy at 1.5m height xi. 2 Sides Alphanumeric Keyboard xii. IP 54 xiii. Power Supply – ZBA10, removable Li-ion 3 Ah / 7.4 V, 10 – 16 hours xiv. Authorized/Exclusive Distributors Certificate Issued by the factory, Or Partnership Agreement xv. Service Center Certificate Issued by the factory |
| 2 | Android Data Collector for Prismless Total Station | <ul style="list-style-type: none"> i. Dimension: 194 x 92 x 15 (mm) ii. Weight: 380g iii. Processor: 8 cores 2.2 GHz iv. RAM/Storage: 4GB/64GB v. Operating System: Android 11 vi. Display: 1080 x 1920 Pixels, Sunlight Readable, Rain Mode, Corning Gorilla Glass vii. Battery: 3.8V 8000 mAh, Field Replaceable viii. Ports: Type C, OTG, Back Connector for Expandability ix. Communications: Cellular, Wireless LAN, NFC x. Camera: Back 13 MP, front 5 MP xi. Operating Temperature: – 20 deg Celsius to 55 deg Celsius, MIL-STD-810G xii. Storage Temperature: - 40 deg Celsius to 70 deg Celsius, MIL-STD-810G xiii. 6 drops from 1.5m on concrete, IEC 68-2-32:1990 xiv. Sand, Dust, Water: IP 67, IEC 60529 |

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| | | xv. Humidity: 0 – 95% Condensing, MIL-STD-810G xvi. NTC Conformity No. ESD-GEC-2207509 xvii. Authorized/Exclusive Distributors Certificate Issued by the factory, Or Partnership Agreement |
| 3 | Android TPS Software | i. Permanent License ii. Works with the same brand of GNSS and Total Station in single project name. iii. Instrument Profile Management iv. Volume Calculation v. Road Survey vi. Full CAD Viewer vii. CAD Survey viii. CAD Layout ix. Layer Management x. Visualization of drawings on Google Maps xi. Info Command (ID, distance, area, angle, distance to object) xii. Online Server Network Platform <ol style="list-style-type: none"> 1. Store, share, edit, and access data anytime and anywhere. 2. Collaboration Survey and Stakeout – work on the same project with multiple people, in real-time, to finish job faster and more efficiently. |

4. DELIVERY

Thirty (30) calendar days


5. TRAINING

Three (3) Working Days for 4 persons.

6. WARRANTY

One (1) year

For the guidance and information of all concerned.



ATTY. EDWARD M. CAMPOS
Chairperson, BAC

