



Republic of the Philippines
National Irrigation Administration
Region VII
Bohol-Cebu-Siquijor Irrigation Management Office
Cebu Office

SUPPLEMENTAL BID/BULLETIN

This Supplemental/Bid Bulletin dated **November 26, 2021** is being issued to modify or amend items in the Bidding Documents. This shall form an integral part of the Bidding Documents for the ***Furnishing & Delivery of GNSS RTK, Electronic Reflectorless Total Station (complete standard) & Automatic Level (complete standard accessories) for Engineering Unit Devices, Banilad, Cebu City, Cebu***, with identification number **BCSIMOCO-GOODS-11-2K21..**

ADDENDUM:

A.) Additional Specifications for *Item No. 1: GNSS RTK* found in Section VI. Schedule of Requirements, Section VII. Technical Specifications, Price Schedule, and Supply & Delivery Schedule.

Electrical
Total power consumption: 4.2W (Static mode)
Internal battery: 6800mAh/7.4V; Duration: can be greater or equal to 11 hours under static mode, and be greater or equal to 9 hours under active mode.
Charging time: single ≤ 3.5h, double ≤ 6.5h
Power supply: powered by five-pin socket or internal lithium-ion, DC 6- 28VDC/2A.
Protection
Shock and vibration: Designed to survive a 2m natural fall onto concrete Water/dustproof: IP67
Environmental
Operation temperature: -40 to 65°C Storage temperature: -40 to 80°
GNSS FEATURES
Positioning Technology
AGPS Spiral antenna:
Support GPS, BDS, GLONASS, SBAS
Dual constellation system :
GPS/GLONASS or GPS/Beidou
Time to First Fix m- 20 seconds (Typical)
Single Point Positioning - 3-5m
SBAS 1-3m
Network RTK - ≤0.5m (RTD only)
Update Rate - 1-5HZ
SYSTEM
Operating System - Android 6.0
CONFIGURATION
Processor - 2.0GHz, 8 core high speed processor
Storage - RAM 3GB, ROM 32GB, T-Flash Card 128GB
Display - 5.5 inches glare resistant, touchable screen

Resolution - 1920×1080, under the sun
Camera - 13M Pixels camera, auto focus, highlight LED flash
DATA COMMUNICATION
Network Type
Support 4G
TD-LTE, FDD-LTE, TD-SCDMA, CDMA (EVDO,2000), WCDMA, GSM(GPRS)
WIFI - IEEE 802.11b/g/n, AP, Wapi
Bluetooth - Bluetooth 4.0, BLE
USB - TypeC , OTG function
BATTERY FEATURES
Capacity - 3.7V, 5500mAh
Working Time - 10-12 hours
APPLICATION
Module Scan - QR code, RFID/NFC
Build-in Sensor - G-Sensor, electronic compass, barometer
PHYSICAL CHARACTERISTICS
Size - 165mm*85mm*18mm
Weight - 320g (with Battery)
Working Temperature -40°C~+85
Storage Temperature - 50°C~+85°C
Dustproof and Waterproof - IP67, anti 1.5m free drop
COMPLETE WITH STANDARD ACCESSORIES
● 1-unit GNSS RTK Receiver (Base)
2 pcs. RTK Battery
1 pc. Meter Tape
1 pc. Radio with Built-in Antenna
1 pc. PW – 4 Cable
1 pc. Extending Pole
1 pc. Tripod
1 set RTK Charger
1 pc. TB – 1 Connector
1 pc. UHF Built – in Antenna
1 pc. DG – 3 Cable
1 pc. Metal Tool
1 pc. External Antenna
1 set Tribrach
1 pcs. 2.5m Fiber Pole
● 1-unit GNSS RTK Receiver (Rover)
1-unit QMINIA5
6 pcs. RTK Battery


1 pcs. QMINIA5 built-in battery
1 pcs. Radio Built – in Antenna
1 set Controller Bracket
1 pcs. QMINIA5 Downloading Cable
1 set QMINIA5 Charger
1 pc. User's Manual
1 set RTK Charger
1 pcs. TB – 1 Connector
1 pcs. UHF Built – in Antenna
1 pc. Software Disc
1 pc. Metal Tools
After-Sales Support
Warranty: One (1) year on parts except consumables Technical Support: phone access and site visit
Training: Two (2) to Three (3) days free comprehensive training includes:
a.) Fundamental concepts and information pertaining to the set-up, use, and implementation of the hardware.
b.) Data Processing software and software related information Incoterms: Free delivery

B.) Additional Requirements for Items No. 1, 2, & 3:

1. Same brand as the receiver or with certificate of compatibility from the Manufacturer of main equipment.
2. With at least 5 year experience in supply equipment.
3. Certificate of Manufacturer's Service Center in the Philippines.
4. With local Service Center by the Manufacturer.

For guidance and information of all concerned.

Very truly yours,


ENGR. ORENCIO M. APALE
BAC Chairman

Received by the Bidder:

Date:_____