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University of the Philippines Mindanao  
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Date: 6 July 2015

**BID BULLETIN NO. 01-2015**

Name of Contract: **Supply of Branded GNSS Survey Equipment, Fiber Optic Spectrometer, Workstations and Other Equipment for LiDAR Project**

This Addendum is issued to clarify / modify parts of the bid documents, specifically the following:

**VI Schedule of Requirements**

- On-site Training is included for all items

**VII Technical Specifications**

1. Branded GNSS Survey Equipment with Portable Echosounder (single beam)

- GNSS Capability: with GLONASS, Galileo, Beidou, QZSS and L5
- All the other specifications in the bid documents remain unchanged.

2. Dual Frequency (RTK) Survey Grade GPS

- Number of GPS Receivers: 1 base and 2 rovers (interchangeable); 430-450 MHz or wider range
- NTC Registration is required.
- Warranty: at least one (1) year on parts and two (2) years on services
- Inclusive of Training
- All the other specifications in the bid documents remain unchanged.

3. VIS-NIR-ES Miniature Fiber Optic Spectrometer – For research use

Additional Specs are deleted.

The following are included as Accessories:

- Rigid foam lined protective travel case
- Thumbscrew pistol grip
- Leaf Clip Bundle (or alternative)
- NIST-traceable radiance calibration of irradiance diffuser
- 1 piece Additional rechargeable battery (or alternative/equivalent)
- NIST-traceable radiance calibration of 25 degree FOV fiber optic cable
- Warranty: Parts that fail due to factory defects should be replaced within 30-45 calendar days.
- All the other specifications in the bid documents remain unchanged.

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## VII Technical Specifications

### 4. Branded Total Station

- Maximum Range, with Single Prism: at least 3 km or **higher specification**
- Storage and Interfaces **200,000 points**
- Range pole with bubble x **2 units**
- With LMB Registration Certificate (to be submitted upon delivery)
- All the other specifications in the bid documents remain unchanged.

For guidance and information of all concerned.



**Prof. ANTONIO R. OBSIOMA, Ph.D.**  
Chair, Bids and Awards Committee *gr*