



Republic of the Philippines  
**SOUTHERN LEYTE STATE UNIVERSITY**

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## SUPPLEMENTAL/BID BULLETIN

# SUPPLY, DELIVERY, INSTALLATION & COMMISSIONING OF VARIOUS EQUIPMENT FOR THE ESTABLISHMENT OF PROSE LABORATORY

### ADDENDUM NO. 01

This Addendum No. 01 is issued to modify or amend items in the Bid Documents. This shall form an integral part of the Bid Documents.

#### ADDITIONAL TECHNICAL SPECIFICATIONS:

**DELIVERY PERIOD: – 60 CD**

**DIGITAL SCALE – 10-15 kgs capacity**

**MANUAL UNIVERSAL PENETROMETER (*Penetration apparatus w/ needles*)**

Asphalt Binder Testing (Material Testing)

- Aluminum base
- Machine, grooved table w/leveling screws and rubber inserts to protect tips of needles and cones
- Stainless steel rods to support guides for a cast aluminum head with coarse/fine adjustments and a calibrated friction-free plunger mechanism
- Indicator dial has zero reset and is graduated in 400 divisions of 0.1mm, corresponding to 40mm penetration
- Any needle or cone with standard 1/8in (3mm) diameter stem that can be mounted to the 47.5g plunger assembly
- **standard 2.5g ASTM D 5 Needle** including two additional loading Weights (50g and 100g)
- Meets Standard(s): AASHTO T49, ASTM D1168, ASTM D1321, ASTM D1403, ASTM D1831, ASTM D217, ASTM D2884, ASTM D5329, ASTM D937, ASTM D5/5M
- Product Dimensions 10.5 x 13 x 22in (267 x 330 x 559mm), W x D x H
- Estimated Shipping Weight 25.0lb (11.34kg)

For guidance and information of all concerned.

**EPHRAIM L. CALOPE**  
BAC Chairperson  
Goods & Services

Date: **11 November 2019**