Subject: Reply of CUH on the quarries raised by the bidders during the Pre-bid Meeting held on 24/11/2025.

Name of Equipment: Non-Destructive Test Equipment: Ultrasonic Pulse Velocity test apparatus, Rebound hammer, Concrete Cover meter, Half-Cell Potentiometer, Windsor Probe, Capo-test apparatus".

1. Firm Name- Avantech Engineering Consortium Pvt. Ltd.	
Bidder's queries	**Reply of CUH**
We thank you for a PBC and we are keen to participate. We would request you to kindly consider the previous EMD which we had submitted for the previous bid that was called by you for the same equipments.	The EMD submitted by the bidders earlier may be considered, if not released.
We would like to draw your attention to one of the items asked in the bid namely WINDSOR Windsor Penetration System options WINDSOR Penetration Systems utilize the established principle of resistance to penetration to estimate concrete strength. These are offered as two variants 1. Windsor® HP Probe system: An explosive based system, where the steel pin is driven into the concrete by detonation of an explosive charge in the Windsor Driver System. 2. Windsor® Pin System: A non-explosive instrument, the Windsor® Pin System uses a spring-loaded device to drive a steel pin into the concrete (or mortar). As the Windsor HP Probe System utilizes explosive to drive the pin into concrete, it requires licenses to import, supply, transport and use the instrument. We will be happy to supply you the above instrument, however, you shall be responsible to arrange for all the permits at your cost to help us supply the same to you. We propose a Windsor Pin System on the other hand does not require any license. We shall be happy to supply the Windsor Pin System in lieu of the Windsor HP Probe system at the same cost and without any requirement of the permits.	The Pin system can be accepted supporting the ASTM C803 with the following specifications to determine the resistance of hardened concrete: **Penetration Resistance Pin System** Measures the compressive strength of concrete, mortar and brick in-situ, quickly and accurately. A non-explosive instrument, the **Pin System** uses a spring-load-ed device to drive a steel pin into the concrete (mortar or other material). The depth of penetration of the needle correlates to the compressive strength of the material under test. A removable chuck and a small pin size facili-tate the testing of mortar joints; this is the only system for testing the in-place strength of brick mortar joints. **Features & Benefits** • Portable and completely self-contained. • Safe to use - non explosive. • Economical - steel pin can be reused. • Non-destructive. • Removable chuck facilitates testing of mortar strength in masonry. • Conforms to ASTM C-803/C 803M - 03 • Test new concrete products and structures for early strength. • Evaluate the in situ strength in existing structures, e.g., after suspected fire damage. • Test strength of block, brick, and mortar joints within an existing structure e.g., load bearing walls. • Test polymer concrete and patching compound. • Quality control of precast elements such as block, brick slabs and pipe. **Specifications** Weight- 18 lbs. (8.1 Kg) qpprox. Dimensions- 17 x 12 x 6 inches (43 x 30 x 15 cm) approx. Concrete Compressive Strength Minimum - 40 MPA Mortar Compressive Strength Maximum -40 MPA Spring actuated driver unit with a spring stiffness – 49.7 KN/m The pin shall be a hardened alloy-steel drill rod, heat treated to Rockwell hardness 62 to 66 HRC, with one end sharpened and the other end blunt. The dimensions of the pins shall be uniform within ±2.0 %.

2. Firm Name- AIMIL Ltd.	
Bidder's queries	**Reply of CUH**
With reference to the recent tender Ref.: CUH/E&GA/HEFA/CIC/2025-26/21 for "Non-Destructive Test Equipment: Ultrasonic Pulse Velocity Test Apparatus, Rebound Hammer, Concrete Cover Meter, Half-Cell Potentiometer, Windsor Probe, Capo-Test Apparatus," we would like to express our interest in participating in the bid. However, we would like to inform you that we are unable to quote for the Windsor Probe. As per communication from the OEM, the Windsor Probe is classified as hazardous due to its use of a powder-actuated mechanism to drive hardened steel probes into concrete. This classification restricts us from shipping or supplying the item. In this context, we request your confirmation on whether we may submit our bid for the remaining equipment, excluding the Windsor Probe. We look forward to your confirmation/guidance on this matter.	The university recommend submission of **Penetration Resistance Pin System** with the following specifications, conforming ASTM C803. **Penetration Resistance Pin System** Measures the compressive strength of concrete, mortar and brick in-situ, quickly and accurately. A non-explosive instrument, the **Pin System** uses a spring-load-ed device to drive a steel pin into the concrete (mortar or other material). The depth of penetration of the needle correlates to the compressive strength of the material under test. A removable chuck and a small pin size facili-tate the testing of mortar joints; this is the only system for testing the in-place strength of brick mortar joints. **Features & Benefits** • Portable and completely self-contained. • Safe to use - non explosive. • Economical - steel pin can be reused. • Non-destructive. • Removable chuck facilitates testing of mortar strength in masonry. • Conforms to ASTM C-803/C 803M - 03 • Test new concrete products and structures for early strength. • Evaluate the in situ strength in existing structures, e.g., after suspected fire damage. • Test strength of block, brick, and mortar joints within an existing structure, e.g. load bearing walls. • Test polymer concrete and patching compound. • Quality control of precast elements such as block, brick slabs and pipe. **Specifications** Weight- 18 lbs. (8.1 Kg) qpprox. Dimensions- 17 x 12 x 6 inches (43 x 30 x 15 cm) approx. Concrete Compressive Strength Minimum - 40 MPA Mortar Compressive Strength Maximum -40 MPA Spring actuated driver unit with a spring stiffness – 49.7 KN/m The pin shall be a hardened alloy-steel drill rod, heat treated to Rockwell hardness 62 to 66 HRC, with one end sharpened and the other end blunt. The dimensions of the pins shall be uniform within ±2.0 %.