



Republic of the Philippines  
**ROMBLON STATE UNIVERSITY**

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**BIDS AND AWARDS COMMITTEE**

**TECHNICAL SPECIFICATIONS**

**Solicitation No. RSU-2022-05-038**

**ABC: PhP2,137,050.00**

**QTY: 2**

**Procurement of ICT Equipment for the College of Engineering and  
Technology of Romblon State University**

<b>ITEM NO.</b>	<b>UNIT</b>	<b>ITEM DESCRIPTION</b>	<b>ESTIMATED COST</b>
1	Unit	2000ZDE Automatic- Laser Partical Size Analyzer ISO13320-1:1999, GB/T19007.1-2008, Q/JWN001-2009, MIE scattering principle, measuring range:0.1-300µm, channels number: 39 PCS, accuracy error: <1% (National Standard Sample D50), repeatability error: <1% (National Standard Sample D50): light source: High performance He Ne Laser (λ=632.8nm,P>2MW) Lifetime>25000hour, dispersion method: Frequency:40KHz Power:50W, Time: ≥ 1S, Revolutions Speed: 0-300RPM (Adjustable), Rated Flow: 8L/min Rated Power: 10W, Volume:350mL, Volume:10mL (Available), operation mode: Full automatic and manual control, freely choose, output parameter: D10, D50, D90, D100, S/V referent parameters, optical calibration system: Full automatic, test speed: <2mins per time, outer dimension: L88cm x W39cm x H46cm, net weight: 41Kg, warranty: 2years	
2	unit	1 unit Lab Ball Mill, Volume: 1Lx4, Stainless Steel, Maximum Loading capacity of jar: No more than 2/3 of the jar volume (including the material and the balls), input size; 10 to 0.1 micron, rotational speed; revolution 335r/min, rotation 670r/min, way of speeding: inverter stepless speed regulation, speed precision is 0.2r/min, way of drive: gear drive, motor power: 750w, 220v, 50Hz, way of working: work with 2 or 4 jars simultaneously, input size < 10mm, output size: 13-75 micron, maximum continuous working time: 72h	

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Name and Signature of the Bidder/Authorized Representative

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Name of the Company