

**ANNEX A: TECHNICAL SPECIFICATIONS: RFQ/HCR/KAD/SUP/2022/08**

Central UPS, 20 KVA		
Item Description	Detailed Specification	Picture of Equipment
Central UPS	<p><b>A. Technical Specifications:</b></p> <ol style="list-style-type: none"> <li>1. Model: APC or an equivalent model.</li> <li>2. Maximum Configurable power Capacity: 20KVA each</li> <li>3. Parallel-capacity capable: Can use multiple uninterruptible power supplies simultaneously</li> <li>4. Parallel-redundant capable: Can use multiple uninterruptible power supplies to increase system redundancy</li> <li>5. Bypass: Built-in Maintenance Bypass, Built-in Static Bypass</li> <li>6. Dual mains input allows the UPS to be connected to two separate power sources</li> <li>7. Generator compatible: Ensures clean, uninterrupted power to protected equipment when generator power is used</li> <li>8. Automatic internal bypass: Supplies utility power to the connected loads in the event of a UPS power overload or fault</li> <li>9. Hot-swappable batteries: Ensures clean, uninterrupted power to protect equipment while batteries are being replaced</li> <li>10. Single or three-phase input wireable: flexibility for the UPS to be installed using either single or three-phase input wiring</li> <li>11. The UPS should be supplied with Batteries</li> </ol> <p><b>B. Installation</b></p> <p>The vendor should transport, and install the UPS units</p> <p>The vendor should provide the required installation accessories (3-Phase Circuit breakers, cables, and distribution boxes where necessary)</p> <p><b>C. Warranty</b></p> <p>The vendor should provide a warranty for the UPS units and batteries</p> <p><b>D. Maintenance</b></p> <p>The vendor should provide a 3-year maintenance plan and schedule separately</p>	