

# COMMODITY DESCRIPTION

## (물품 구매 규격 및 사양서)

|   |   |                                     |                       |
|---|---|-------------------------------------|-----------------------|
| <b>Subject</b>  | Computer Lab (Academic Building A313) Custom PC, Monitor, and Peripherals                           |                                     |                       |
| <b>Item Name</b>  | English   | Custom PC, monitor, and peripherals | <b>Quantity</b><br>42 |
|   | Korean  | 조립PC, 모니터 및 주변기기                    |                       |
| <b>Model Name</b>   | Custom PC, Samsung U32J590, PG-PW33   |                                     |                       |
| Supply with equivalent or higher specification products: Acceptable <input checked="" type="checkbox"/> Unacceptable <input type="checkbox"/>   |   |                                     |                       |
| <b>COMPONENTS AND SPECIFICATIONS</b>  |   |                                     |                       |
| <b>1. Purpose</b>   |   |                                     |                       |
| <p>- To replace the existing computer lab (A313) PCs, monitors, and peripherals in order to create a more conducive and advanced academic environment. This replacement is essential as numerous educational software applications now incorporate AI features, requiring the use of modern hardware to ensure sustained and efficient performance.</p> |   |                                     |                       |
| <b>2. Detailed Specifications (Performance and Features):</b>   |   |                                     |                       |
| 1) Custom PC  |   |                                     |                       |
|   | <b>Specification</b>  |                                     |                       |
| <b>Processor</b>  | Intel® Core™ i5-12400F Processor  |                                     |                       |
| <b>Motherboard</b>  | ASUS PRIME H610M CS D4  |                                     |                       |
| <b>Memory</b>   | DDR 4 16GB 25600  |                                     |                       |
| <b>Storage (SSD/HDD)</b>  | M.2 PCIe 512GB SSD  |                                     |                       |
| <b>Port</b>   | [Front]<br>USB 2.0 or 3.0 x 2EA / HD audio, MIC   |                                     |                       |
| <b>Power</b>  | MAXCOOL 600W SINGLE<br>Frontier H100  |                                     |                       |
| <b>Case</b>   | Middle Tower / 360(D) x 175 (W) x 405 (H) mm<br><b>Key lock or Kensington lock must be embedded</b> |                                     |                       |
| <b>Graphics</b>   | GALAX GeForce RTX™ 4060Ti OC D6 8GB   |                                     |                       |
| <b>Operating System</b>   | X   |                                     |                       |
| 2) Monitor  |   |                                     |                       |
| Samsung U32J590 31.5" 16:9 4K UHD LCD Monitor   |   |                                     |                       |
|   | <b>Specification</b>  |                                     |                       |
| <b>Display Size</b>   | 31.5"   |                                     |                       |
| <b>Panel Type</b>   | VA LCD  |                                     |                       |
| <b>Resolution</b>   | 3840 x 2160   |                                     |                       |
| <b>Maximum Brightness</b>   | 300 nits / cd/m <sup>2</sup>  |                                     |                       |
| <b>HDR Compatibility</b>  | No  |                                     |                       |
| <b>Bit Depth / Color Support</b>  | 8-Bit+FRC (1.07 Billion Colors)   |                                     |                       |
| <b>Finish</b>   | Anti-Glare / Matte  |                                     |                       |
| <b>Touchscreen Technology</b>   | No  |                                     |                       |
| <b>Inputs</b>   | 1x DisplayPort 1.2  |                                     |                       |
|   | 1x HDMI 1.4   |                                     |                       |
|   | 1x HDMI 2.0   |                                     |                       |
| <b>Outputs</b>  | 1x 1/8" / 3.5 mm  |                                     |                       |

|   |                              |
|---|------------------------------|
| <b>Built-In Speakers</b>  | No                           |
| 3) Peripherals  |                              |
| External PC Power Button PG-PW33 USB3.0   |                              |
| <b>Port</b>   | <b>Specification</b>         |
| <b>Color</b>  | USB 3.0, USB 2.0, Type-C x 1 |
|   | Black or White               |
| <b>3. Standards and Accessories:</b>  |                              |
| <ul style="list-style-type: none"> <li>1. USB Mouse</li> <li>2. USB Keyboard</li> <li>3. Mousepad</li> </ul>  |                              |
| <b>4. Conditions</b>  |                              |
| <ul style="list-style-type: none"> <li>- Delivery Conditions:</li> <li>- Delivery Location: SUNY Korea academic building A313</li> </ul>  |                              |
| <b>5. Inquiries</b>   |                              |
| <ul style="list-style-type: none"> <li>- Name: Taehyung Park</li> <li>- Affiliation: IT Services</li> <li>- Contact: 032-626-1172</li> </ul>  |                              |
| <b>6. Remarks</b>   |                              |
| <ul style="list-style-type: none"> <li>- Upon delivery, PCs, monitors, and all other peripherals must be installed in the computer lab (A313) for inspection.</li> </ul>  |                              |
| <b>※ Reference</b> <ul style="list-style-type: none"> <li>- Matters not mentioned in the commodity description form shall be governed by general purchasing contract standards (물품구매계약일반조건), and shall be applied through mutual agreement if separate matters arise after the contract.</li> <li>- The free defect maintenance period shall be one year from the inspection date after delivery completion.</li> <li>- All measures necessary for delivery and installation shall be carried out by the supplier.</li> </ul> |                              |

## The State University of New York, Korea