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| **BU-Integrated Library Management System (ILMS) - BOM** | | | | |
| **No.** | **Item Part Number** | **Item Description** | **Qty.** | **UoM** |
| **1** | **ILMS software** | |  |  |
|  | **ILMS system software** | • Completely Web-based,  • run on browser. ̇Web-based Application –Asp.net, JavaScript, AJAX, XML, Web-Printing Supported ̇ • Multi-lingual Support –Full Unicode (UTF-8) Support ̇ • Standard Compliant –Marc21, UNI-Marc, ISO2709, Z39.50, MARCXML ̇ | 1 | Pcs |
| **2** | **ILMS Gate detection** | |  |  |
|  | **RFID Detection Gates** | 1.capable of Detecting EAS Armed RFID tags 2.should Support AFI anti-theft figure 3.support multi-item detection 4.support People Counter (In and Out) 5. should be Able to integrate camera with the gate if required  6. should be Able to integrate with Surveillance Station is required including base plat | 1 | Pcs |
|  | **Base plate for each aisle** | Base plat for the gate | 1 | Pcs |
| **3** | **ILMS Book Tag** | |  |  |
|  | **RFID Tags for Books** | • Integrated Circuit (IC)NXP I-CODE SLIX2 • IC’s protocol /anti-collision ISO 15693: SLIX2 IC specification • Memory 2,560 bits (320 bytes) • Operating frequency 13.56 MHz (HF) • Unloaded resonance frequency 14,40 MHz ± 0,35 MHz • Transponder antenna material Aluminum | 60 | roll |
| **4** | **ILMS Staff Station** | |  |  |
|  | **Staff Station Unit** | arming/disarming module, tagging module and sorting module.  1.Editing and updating of Students record 2.Add and deleting of Students record 3.Generate loan history for a particular Students 4.Managing of fines incurred by the student 5.Arm/Disarm of EAS bit inside the library material 6.Program of new library material 7.desktop computer for management | 2 | Pcs |
| **4** | **ILMS shelf management** | |  |  |
|  | **Shelf Management System (WIFI handle reader + tablet)** | 1. Industrial Tablet (8” Touch Screen) 2. WIFI Handheld Reader and Antenna 3. Carry Bag 4. Software Function: Inventory Check, Searching | 3 | Pcs |
| **5** | **ILMS Software requirements** | |  |  |
|  | **SQL Server 2017 standard edition** | Microsoft SQL Server 2017 Standard + 5 user CAL License | 1 | Usr |
|  | **Windows Server 2019 Standard Edition operating system** | System type software which is installed on the specified server machine for central database system | 1 | Pcs |
|  | **desktop computer** | Intel Core i7 3.8GHz, 16GB DDR3, 1TB HDD, Windows 10 Pro 64-Bit, WIFI, USB 3.0, DVDRW, 2X Display Port | 1 | Pcs |