

**Notice inviting quotation**

No: Tender/SC/2019-2020/07

Date: 10/01/2020

Quotations are hereby invited by the office of Serampore College, Serampore, West Bengal for **RFID System in ASC Library.**

Description of work:

**1. RFID TAG**

Dimensions: 98.2×12.3mm

Functionality: Read/Write

Protocols Supported: ISO/IEC 18000-6C,EPC global Class 1 Gen 2

Integrated Circuit: Alien Higgs-3

Operating Frequency: 840-960 MHz

User Memory: 512 Bits Data retention: Up to 10 years

Read distance: 4 meter

**2. Anti-theft Gate reader**

Design: Two Pedestal gates with Metal enclosed, Customised user ad display, visible & Audible alarm on theft detection

Interface: Middleware program should be run independently inside RFID reader without any PC

Gate width: 3 meter

Frequency Band : 865 MHz – 867 MHz

Antennas: 4 high performance, mono-static antenna ports

Powered by Alien Reader.

**3. Barcode Printer**

Printing Technology: Thermal transfer.

Ribbon: In winding Facility.

Resolution: 8 dots/mm (203 dpi)

Maximum print width: 108 mm (4.25 in)

Minimum print speed: 152 mm/s (6ips)

Printer should have linux driver.

**4. Windows Based UHF handheld reader**

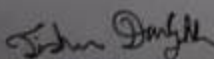
UHF handheld reader with PDA & integrated antenna

Frequency: 860MHz-868MHz

OS: Windows Embedded CE 6.0

Application Software: Tag read, write, search Included.



  
Bunsar  
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Protocol : ISO18000-6B EPC G2

Reading Range: 2M

Connectivity: Wi Fi (802.11 b/g), USB

CPU: Cortex-A8, 800MHz

Memory: 256 MB RAM/4GB iNAND FLASH; MicroSD/TF card, maximum 32G

Screen: Color 3.5" QVGA TFT-LCD with backlight, 65K colors, 240 W x 320 L (QVGA size)

Power backup: Rechargeable li-ion batteries 8400mAh,

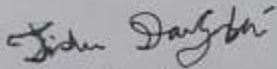
Dimensions: 192 × 87 × 151mm / 7.56 × 3.43 × 5.95in.

**Last Date of submitting quotation is:**

**Date: 18/01/2020**

**Time : 11:00 a.m.**

**Place: Bursar's Office**



Prof. Jishnu Dasgupta

Bursar (ASC)

Bursar

Serampore College

Serampore, Hooghly

**N.B.**

1. Incomplete quotations will not be entertained.
2. The college reserves the right to make a technical evaluation of the bids received.

