LIBRARY STOCK CONTROL UPGRADE –

INDICATIVE PRICING

for

CYNGOR SIR CEREDIGION

ABERAERON LIBRARY
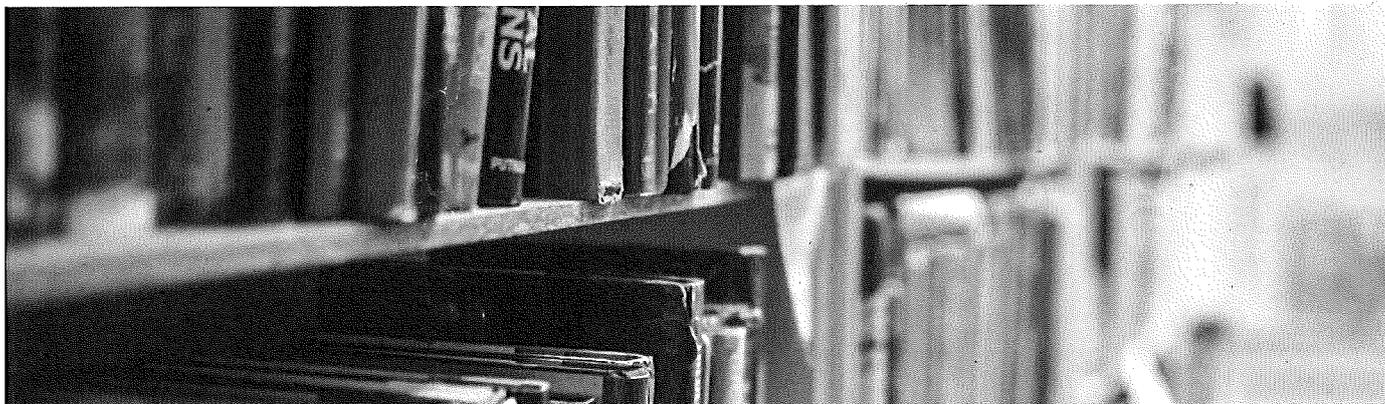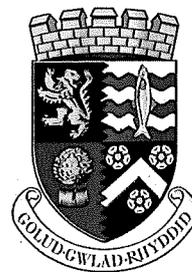
PREPARED FOR: Ceredigion Official 1

PREPARED BY   RFID Official 1

DATE: 23 January 2024

PROPOSAL NUMBER: NH/24.001

eRLS RFID))

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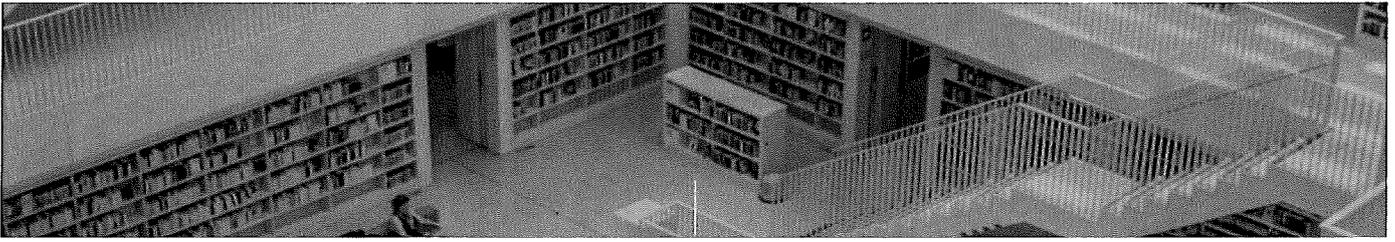
eRLS RFID⟩⟩

This ultra-high frequency (UHF) RFID technology offers several advantages over more traditional high frequency (HF) RFID systems. *eRLS* systems have a longer read range compared to HF RFID, allowing for faster and more efficient inventory management.

This facilitates the use of ceiling mounted security antennas, *eRLS Security*, rather than the traditional floor mounted solutions. The result is a modern, cost-effective, and unobtrusive way of protecting doors, be single or double leaf, within the library space. A single *eRLS Security* panel can span an access point up to two metres wide.

UHF RFID technology is also better equipped to handle and process simultaneous reading of multiple Smart Labels, enabling much quicker and more accurate inventory and security checks. This ability to track vast numbers of items supports the most efficient means of library collection management.

Making the stock RFID enabled will help automate some of the main tasks performed within the library, benefiting the staff and users alike. These benefits can include:

- Ensure collection records on the Library Management System (LMS) match what is on the shelves
- Quick and easy processing of standard transactions, e.g. circulation, to reduce queues and maximise library time for every user
- Provide relevant information to allow the Library Team to easily and effectively weed and maintain the existing collection
- Improve the accessibility and availability of stock by providing greater understanding, control and management of the collection
- Adaptability to protect numerous resources and assets, not just books, e.g. laptops.
- Improve current reporting capabilities and enable new ones to support statistical evidence and reports to Management or colleagues
- Implementation of a more robust, technologically advanced and reliable stock security system, with real-time notifications
- Reduce costly stock losses and protecting investment, allowing budgets to be attributed to updating stock
- Providing a future proofed solution
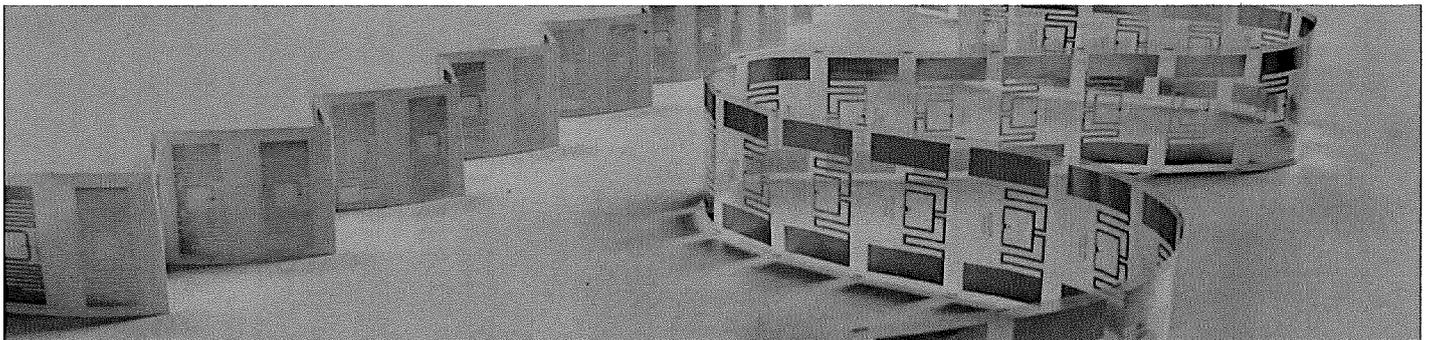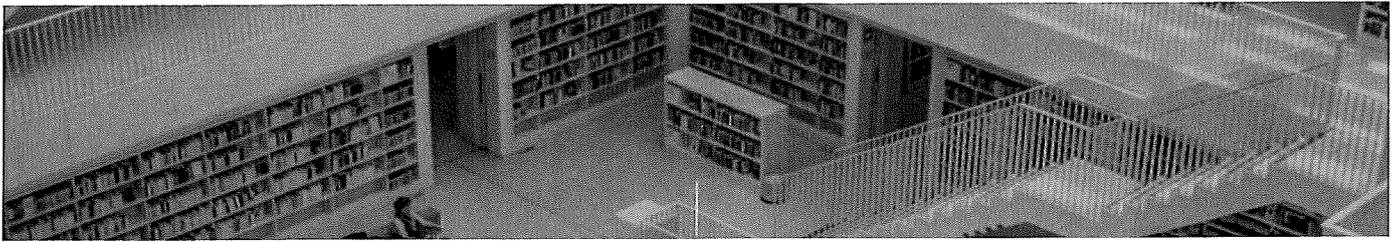
INVESTMENT

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The following set of price schedules provides three options for the new library space at Aberaeron Library:

1. Update the existing HF RFID (*Orbis*) equipment with like-for-like technology;
2. Implement UHF RFID (*eRLS*) technology for security only to allow a phased implementation across the county; and
3. Full upgrade and migration to UHF RFID technology

Option One:

Orbis HF RFID Solution – HF Replacement	Quantity	Unit Price	Cost
Orbis Staff RFID circulation pad	2	redacted - s43(2)	
Orbis45D Dual aisle security system Three panel pedestal system, two aisles set at 1.2m each	1	redacted - s43(2)	
Orbis Edge Wall mounted self-service option *Orbis* RFID circulation pad *Orbis* self-service application linked to LMS Touchscreen monitor - User identification - Mini PC	1	redacted - s43(2)	
Technical Site Survey Visit by PSP Technician to confirm position and requirements of equipment	1	redacted - s43(2)	
Delivery, installation and commissioning	1	redacted - s43(2)	
TOTAL			**£11,735.00**

Option Two:

eRLS UHF RFID Solution – Hybrid Option	Quantity	Unit Price	Cost
Orbis Staff RFID circulation pad	2	redacted - s43(2)	
eRLS Staff Cat RFID Workflow Reader	1		
eRLS-iCEIL Ceiling mounted security panel Single panel to provide detection across double leaf door Monitoring software, linked to LMS, to notify Library Team of alarm instances and what has caused them	1	redacted - s43(2)	
Orbis Edge Wall mounted self-service option *Orbis* RFID circulation pad *Orbis* self-service application linked to LMS Touchscreen monitor - User identification - Mini PC	1	redacted - s43(2)	
eRLS Smart RFID book labels, per 1,000	20		
Technical Site Survey Visit by PSP Technician to confirm position of security equipment	1	redacted - s43(2)	
Delivery, installation and commissioning	1		
TOTAL			**£11,860.00**
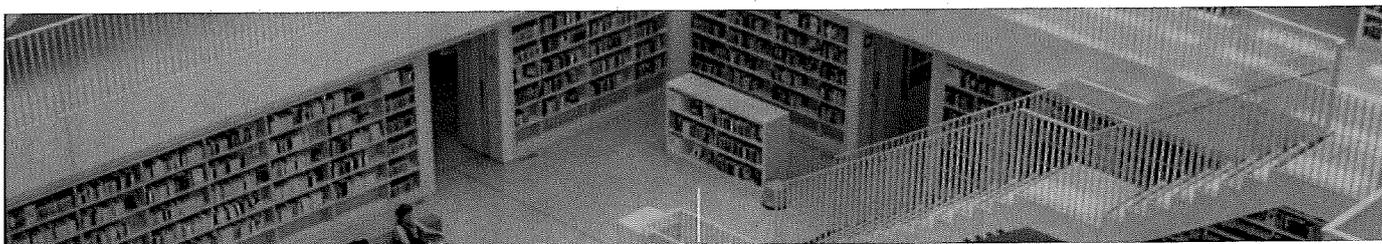
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Option Three:

eRLS UHF RFID Solution – UHF Upgrade	Quantity	Unit Price	Cost
eRLS Staff Cat RFID Workflow Reader	2	redacted - s43(2)	
eRLS-iCEIL Ceiling mounted security panel Single panel to provide detection across double leaf door Monitoring software, linked to LMS, to notify Library Team of alarm instances and what has caused them	1	redacted - s43(2)	
Orbis Edge Wall mounted self-service option Orbis RFID circulation pad Orbis self-service application linked to LMS Touchscreen monitor - User identification - Mini PC	1	redacted - s43(2)	
eRLS Smart RFID book labels, per 1,000	20	redacted - s43(2)	
Technical Site Survey Visit by PSP Technician to confirm position of security equipment	1	redacted - s43(2)	
Delivery, installation and commissioning	1	redacted - s43(2)	
TOTAL			£10,875.00

NOTES:
- Unless otherwise stated all prices are exclusive of VAT at the current applicable rate
- All equipment is provided with a 12-month warranty, applicable from the date of installation
- All quotations are subject to the Company's Trading Condition