

Supply & Installation of Electronic Article Surveillance (EAS) System

Scope of Work

The selected supplier shall provide the following:

- Supply and installation of two (2) EAS pedestals at the entrance of MCGH Optical shop.
- Mounting, alignment, and securing fixing of pedestals.
- Connection to power supply and integration with supporting infrastructure.
- Configuration and full system setup.
- Testing of functionality with provided tags.
- Basic user training for staff on system operation and alarm handling.

Equipment & Materials

The proposed system should include, at least, the following:

1. EAD Detection System (Pedestals)

- Type: Acousto-Magenetic (AM).
- Detection Width: Up to 1.8m.
- Material: High quality, durable acrylic panel.
- All in one integrated design (no separate controller required).
- Internal algorithm for improved detection and compatibility.
- Integrated audio and visual alarm system
- Power supply: 100-120V / 180-245 V AC, 50-60Hz.
- Operating Temperature: 0°C – 50°C.
- Humidity: 0-90% non-condensing.

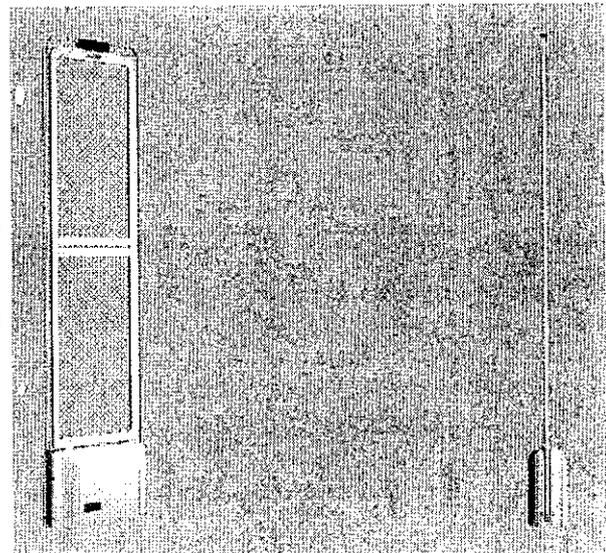


Figure 1: Sample Pedestals

2. Magnetic Optical Tag

- Quantity 600 units.
- Solution Application: Optical, sunglasses.
- Protect eyewear without impacting the shopper 'trying-on' experience.
- Should support both AM and RF technology.

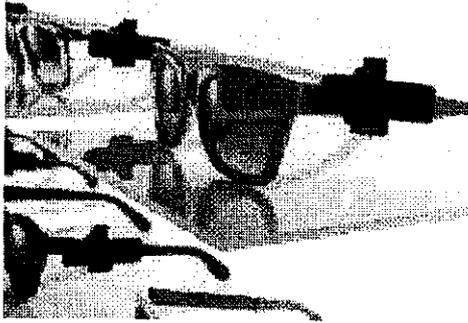


Figure 2: Sample Magnetic Optical Tag

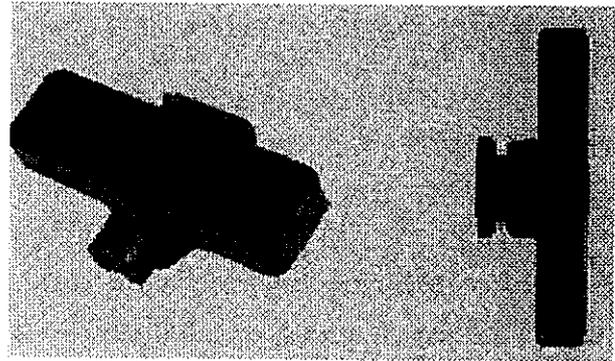


Figure 3: Sample Magnetic Optical Tag

3. Magnetic Detacher

- Magnetic Detacher (9kg)
- Quantity 1 unit.
- Color: White

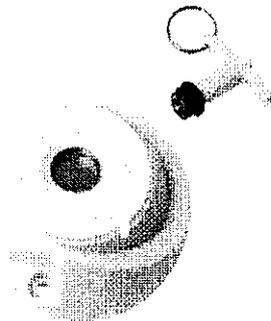


Figure 4: Sample Magnetic Detacher

Delivery Terms

- Delivery and installation to be completed within 2 weeks from receipt of Purchase Order.

Warranty

- Minimum one (1) year manufacturer's hardware warranty on all supplied equipment.

Training

- Basic training for end-users on system operation and alarm response.

Pricing & Payment

- Suppliers shall provide detailed pricing (unit cost, installation & commissioning, and total cost)

Compliance & Standards

The proposed system shall comply with:

- EMC Standards: EN 300 330-2, EN 300 489-1, EN 300 489-3
- Safety Standards: EN 62368-1

