

Hand Held Security Metal Detector Tender Specification Requirements

- 1) Light and suitable to carry in one hand. Rapidly detects metal objects on people who caused alarm on the Walk Through Metal Detector after the manual scan. In addition the detector structure should allow usage to scan letters, packages and boxes.
- 2) Allows operating using headphones.
- 3) Hand Held Detector battery or chargeable battery replaceable without using any tools. The battery specification is documented that it is a chargeable battery.
- 4) Displays battery level, ON-OFF status of the detector and metal detection status with LED's.
- 5) Does not have effects on pace makers, pregnant women and children.
- 6) Selection of audible, visual or if required vibration indication. Adjustable sensitivity according to the metal density.
- 7) Maximum detector weight of 500 grams.
- 8) Minimum operation duration of 40 hours.

- 9) Maximum length of 50 cm, including the handle
- 10) Normal operation in temperatures between -20 °C + 70°C and 95% humidity.
- 11) PCB's have to be produced using latest surface mounting technology, with very low problems / issues rate.
- 12) Circuit protection against incorrect connection of the battery to be provided in the detector.
- 13) The detector has to be made of strong ABS material able to absorb hits, drops and slam impacts.
- 14) 2 years manufacturer's warranty.
- 15) CE certified and complies with EN 61000-6-3, EN61000-6-2 (TS2418 EN61010-1) norms
- 16) Hand Held Metal detector has to be able to detect a 9 mm pistol at minimum of 17 cm, utility knife at 10 cm, 9 mm bullet (long) at minimum 7 cm, pin needle at minimum 2 cm distance.