

Request for Information
(This is NOT a Tender Document)

Reference:	L/M of 2012 in EMSD/SSD/1-150/2
Procuring Department:	Client Department
Description:	Supply of Portable Contraband Detectors
Contact Person:	If you have enquiries on technical matters, please contact Miss Tally TSANG at tel. no. 28083519 or email hytsang@emsd.gov.hk .
Data Sheet:	This is <u>NOT</u> a Tender Document
Submission of Information and Closing Date:	Interested parties are welcome to complete the attached data sheet for the basic aspects of the required Detectors and submit together with the product catalogues, technical data sheet and descriptive literatures of the relevant product and return by mail, fax or email specified in the reply slip on or before <u>24 February 2012.</u>
Remarks:	Concerned parties are also requested to note that the request for information is for market research purposes and should not be construed as any commitment.

Reply Slip

To : Director of Electrical and Mechanical Services Department
(Attn.: Supplies Officer (Procurement))
Supplies Sub-division
6/F., Electrical and Mechanical Services Department Headquarters
3 Kai Shing Street, Kowloon, Hong Kong
Fax No.: (852) 3105 0341
E-mail : mimisiu@emsd.gov.hk

Ref. No. : L/M (1) of 2012 in EMSD/SSD/1-150/2
(To be returned on or before 24 February 2012)

With reference to your market research ref. no. : L/M (1) of 2012 in EMSD/SSD/1-150/2, the completed data sheet and relevant product information are returned.

With reference to your market research ref. no. : L/M (1) of 2012 in EMSD/SSD/1-150/2, I regret that I am unable to provide the relevant information or comment due to the following reason:

<u>Reasons</u>	<u>Remarks (if any)</u>
<input type="checkbox"/> Requirement is out of our range of supply/service.	_____
<input type="checkbox"/> Others (Please specify)	_____

(Please tick against the box where applicable)

(Company Chop)

Signature : _____

Name in block letters : _____

Name of Company : _____

Telephone No. : _____

Facsimile No. : _____

Date : _____

**Request for Information
Data Sheet**

Part A (Information provided by EMSD)

Item: 5 sets of Portable Contraband Detector

Application: The Portable Contraband Detectors are to be used by Customs & Excise Department for detection, analysis and identification of traces of a wide variety of explosive, narcotic substances, chemical warfare agents and toxic industrial chemicals at some control points within Hong Kong.

Requirements: Successful supplier will be required to supply, delivery to site, testing, installation, commissioning and warranty of the 5 sets of Portable Contraband Detectors.

Delivery Date: Tentatively in late December 2012

Part B (Information to be provided by potential supplier)

Name of Supplier :

Product to be offered :

Manufacturer :

Country of Origin :

Brand / Model :

Series :

Indicative price per unit : (HK\$) _____

Delivery Rate : _____ months after acceptance of offer.

Please attach catalogues or documentation as far as possible.

	System Specifications	Fully Compliance (please give a tick ✓)	Alternative Offer and/or Suggestions	Remarks (e.g. data can be found on catalogue or document - page no.)
1.	<p>The Detector shall be an ion mobility spectrometer based system, which shall be able to detect, analyse and identify traces of a wide variety of explosive, narcotic substances, chemical warfare agents and toxic industrial chemicals.</p>			
2.	<p>The Detector shall be capable of detecting and identifying the following substances at low nanogram levels:</p> <p>(a) Explosives: Cyclotrimethylenetrinitramine (RDX), Pentaerythritol Tetranite (PETN), Nitroglycerine (NG), Ammonium Nitrate, DNT, Tetryl, HMX, Trinitrotoluene (TNT), and SEMTEX.</p> <p>(b) Narcotics: Cocaine, Heroin, Amphetamine, Methamphetamine, Methylenedioxy Amphetamine (MDA), Δ-Tetrahydrocannabinol (THC), Morphine, MDMA, MDEA, Ketamine, Phencyclidine (PCP), LSD, diazepam, cannabis resin, and methadone.</p> <p>(c) Chemical Warfare Agents: Nerve and Blister Agents, including Tabun, Sarin, Soman, Cyclosarin, Agent VX and Vx, Nitrogen Mustard 3.</p> <p>(d) Toxic Industrial Chemicals: Hydrogen Cyanide (HCN), Phosgene (CG), Sulphur Dioxide (SO2), Chlorine (Cl2) and Ammonia (NH3).</p>			
3.	<p>The size of the Detector shall not exceed 380mm (length) x 120mm (width) x 140 mm (height).</p>			
4.	<p>The Detector shall be compact, light weight of less than 3.5 kg</p>			

	System Specifications	Fully Compliance (please give a tick ✓)	Alternative Offer and/or Suggestions	Remarks (e.g. data can be found on catalogue or document - page no.)
	(with battery) for hand-held operation and robust to be transported easily to various operating locations.			
5.	The Detector shall be programmable for new narcotics and explosive substances, chemical warfare agents and toxic industrial chemicals.			
6.	The Detector shall be able to be connected directly to any PC or printer for data acquisition.			
7.	The false alarm rate of the Detector shall be less than 1%.			
8.	The warm-up period of detector shall be less than fifteen (15) minutes.			
9.	The analysis time of the Detector shall be less than 20 seconds for each analysis.			
10.	The Detector shall correctly detect and identify the contraband substances at least with success rate of 99% or above.			
11.	Each Detector shall be provided with one spare battery and a battery charger. The spare battery shall support at least 3 hours of continuous operation.			