

DOOR FRAME METAL DETECTOR (DFMD)												
Major product category:- Security Surveillance & Detection (UNSPC Code: 4617); Sub Category:- Surveillance & Detection Equipment (UNSPC Code: 461716)											Version- 2	
Item:- DOOR FRAME METAL DETECTOR (DFMD) (Security Metal Detector) (UNSPC CODE: 46171633) (ITC_HS Code: 85437012)												
S.No	Parameters		Value 1	Value 2	Value 3	Value 4	Validation Rule	Whether Filter required	Priority	Unit	Demand aggregation	
1	Technology	Ch					Must Declare					
2	Walk-through Arch (Outer Frame) Dimensios (H x W x D)	Ch					Must Declare			mm x mm x mm		
3	Walk-through Arch (Inner Frame) Dimensios (H x W x D)	Ch					Must Declare			mm x mm x mm		
4	Detection Area (H x W x D)	Ch					Must Declare			mm x mm x mm		
5	Detection Zones		Single Zone	Multiple Zones				Yes				
6	Number of Detection Zones	N					Must Declare					
7	Type of usage		Indoor	Outdoor				Yes				
8	Construction of Door Frame (Walk-through Arch)	Ch	Light weight, rigid, laminated side panels and cross piece with ABS plastic boots for panel protection					Validation: Same as LOV				
9	Door Frame is provided with base wheels for easy mobility	Ch	YES	NO				Yes				
10	Door Frame is provided with a floor panel to attach both side panels to give stability & rigidity to the structure	Ch	YES	NO				Yes				
11	Ramp over the floor panel - Covered with synthetic carpet for long life	Ch	YES	NO				Yes				
12	Door Frame material	Ch					Must Declare					
13	Door Frame is water proof	Ch	YES	NO				Yes				
14	Door Frame is weather proof	Ch	YES	NO				Yes				
15	Operational Frequecy range	Ch					Must Declare					
16	Number of User Selectable frequencies	N					Must Declare					
17	Adjustable Sensitivity	Ch	YES					Validation: YES				
18	Number of Sensitivity Levels / Steps	Ch					Must Declare					
19	Metals which can be Detected	Ch	Ferrous, Non-Ferrous, Ferrite & Alloys					Validation: Same as LOV				
20	Capability of Metal Detection in entire Frame Area	Ch	Uniformly in entire Frame Area					Validation: Same as LOV				
21	Capability of Metal Detection in all orientations	Ch	YES					Validation: YES				
22	Capability of Metal Detection in walking speed of interception	Ch	YES					Validation: YES				
23	Audio-Visual indication on detection at side panels and control panel	Ch	YES					Validation: YES				
24	Audible Alarm on detection with adjustable volume	Ch	YES					Validation: YES				
25	Back-lit Display		LCD	LED				Yes				
26	Display of Zone intercepted	Ch	YES	NO				Yes				
27	False Alarm rate	N						Validation: "< / = 3"		%		
28	Traffic counter (inbound / outbound) for counting number of persons passing the sensing zone	Ch	YES					Validation: YES				
29	Walk / Stop indicator for traffic control	Ch	YES					Validation: YES				
30	DFMD should not interfere with adjacent installed DFMDs within a distance of 1 Foot	Ch	YES					Validation: YES				
31	DFMD should not be affected by opening / closing of a metallic gate in vicinity	Ch	YES					Validation: YES				
32	DFMD should not be affected by heavily reinforced floors / roof tops / walls	Ch	YES					Validation: YES				

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33	DFMD should not be affected by external RF transmission and EMI (Electro Magnetic Interference)	Ch	YES				Validation: YES					
34	Capacity / throughput rate	N					Validation: "> / = 20"			Persons Per Minute		
35	In-built Auto Calibration capability	Ch	YES				Validation: YES					
36	User friendly self-testing diagnostics to identify faulty condition	Ch	YES				Validation: YES					
37	Control Panel	Ch	Easiy accessible control panel, with modular deisgn and standard plugs and connectors. Adjustable controls should only be activated on insertion of a removable key and / or by password.				Validation: Same as LOV					
38	Power Supply	Ch	220 V AC, 50 Hz, Mains ± 10%				Validation: Same as LOV					
39	Battery	Ch	Re-chargeable, maintenance free, in-built battery with charger			Standard UPS		Yes				
40	Details of battery / UPS (Type / Make / Capacity -VAH, etc)	Ch					Must Declare					
41	Battery Back-up in full function	N					Validation: "> / = 10"			hours		
42	Audio-Visual low battery indicator	Ch	YES				Validation: YES					
43	DFMD should be 'Data Safe'	Ch	YES				Validation: YES					
44	DFMD shall be Harmless to wearers of pacemakers, defibrillators or other vital support systems, pregnant women and magnetic storage media (floppy disks, audio cassettes, video cassettes and similar)	Ch	YES				Validation: YES					
45	DFMD should conform to international security standards of Safety / Radiation	Ch	YES				Validation: YES					
46	Warranty	N	3	4	5			Yes		Years		
47	One test sample for each machine for tesgting during commissioning / maintenance	Ch	Inclusive in the scope of supply				Validation: Same as LOV					
48	Training tools- Charts, slides, training brochure, training work model, blowup diagram, video films on demonstration and use etc.	Ch	Inclusive in the scope of supply				Validation: Same as LOV					
49	Technical manual giving full description of the item, user's handbook and literature on preservation / maintenance, procedure for packing, handling, transportation, storage and battery replacement	Ch	Inclusive in the scope of supply				Validation: Same as LOV					
50	Practical training	Ch	Atleast one day in each quarter of the year continuing during warranty period				Validation: Same as LOV					
51	Operating Temperature Range & Relative Humidity	Ch					Must Declare					
52	Availability of Spares for a period of 7 years after the warranty period	Ch	YES	NO				Yes				
53	Availability of Test Reports from Central Govt / NABL / ILAC accredited Lab covering all the parameters as per specifications	Ch	YES				Validation: YES					
54	Test Report No.	Ch					Must Declare					
55	Name of Test Lab	Ch					Must Declare					
56	Address of Test Lab	Ch					Must Declare					
57	Hyper link to Test report	Ch					Must Declare					
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