

**Major Product Category - Operating Environment Software
(UNSPC CODE: 432330) (ITC_HS Code: 85238020)**

**Sub-Category:- 'Performance and Management Tools for Virtualization'
Virtual Machine Software (UNSPC CODE: 43233006)**

S.No	Parameters		Value 1	Value 2	Value 3	Validation Rule	Whether Filter required	Priority	Unit	Demand aggregation
1	Software Domain / Type	Ch	Business Intelligence and Analytics software				Yes			
2	Name of Software	Ch				Must Declare				
3	Name of the OEM	Ch				Must Declare				
4	OEM Model / Part No.	Ch				Must Declare				
5	Product Id of OEM	Ch				Must Declare				
6	Software Description, Functionality/ Features	Ch				Must Declare				
7	Software Version	Ch				Must Declare				
8	Version Name	Ch				Must Declare				
9	Date of Launch of Version	Ch				Must Declare				
10	Free Upgradation to Higher Version	Ch	YES			Validation: "YES"				
11	Bare-metal virtualization hypervisor	Ch	Yes	No			Yes			
12	Hosted virtualization hypervisor	Ch	Yes	No			Yes			
13	Desktop Virtualization	Ch	Yes	No			Yes			
14	Server Virtualization	Ch	Yes	No			Yes			
15	Network Virtualization	Ch	Yes	No			Yes			
16	Storage Virtualization	Ch	Yes	No			Yes			
17	Operating system-level Virtualization	Ch	Yes	No			Yes			
18	Input/Output Virtualization	Ch	Yes	No			Yes			
19	Application Virtualization and workspace Virtualization	Ch	Yes	No			Yes			
20	Service Virtualization	Ch				Must Declare				
21	Memory Virtualization	Ch	Yes	No			Yes			
22	Data Virtualization	Ch	Yes	No			Yes			
23	Database Virtualization	Ch	Yes	No			Yes			
24	Nested Virtualization	Ch	Yes	No			Yes			
25	Virtualization Management	Ch	Yes	No			Yes			
26	Disaster Recovery	Ch	Yes	No			Yes			
27	Namespace Management	Ch	Yes	No			Yes			
28	Performance Management	Ch	Yes	No			Yes			
29	Mobile Device Management	Ch	Yes	No			Yes			
30	Version Control	Ch	Yes	No			Yes			
31	Virtual Machine Monitoring	Ch	Yes	No			Yes			
32	Cloud Management & Orchestration	Ch	Yes	No			Yes			
33	Log Management	Ch	Yes	No			Yes			
34	Access Management	Ch	Yes	No			Yes			
35	Unified Endpoint Management	Ch	Yes	No			Yes			
36	Thirdparty Integration	Ch	Yes	No			Yes			

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37	Fault Management and Rack Awareness	Ch	Yes	No			Yes			
38	Layered Image Management	Ch	Yes	No			Yes			
39	Layered Application Management	Ch	Yes	No			Yes			
40	Inventory search	Ch	Yes	No			Yes			
41	Alerts and notifications	Ch	Yes	No			Yes			
42	Scheduled Reporting	Ch	Yes	No			Yes			
43	Supports Graphics Virtualization Technology	Ch	Yes	No			Yes			
44	3D graphics support	Ch	Yes	No			Yes			
45	Server Management Network	Ch	Yes	No			Yes			
46	Live Migration Network	Ch	Yes	No			Yes			
47	Cluster heartbeat Network	Ch	Yes	No			Yes			
48	Virtual Machine IP Network	Ch	Yes	No			Yes			
49	Storage Network	Ch	Yes	No			Yes			
50	Network Mapping	Ch	Yes	No			Yes			
51	Network Configuration and Management	Ch	Yes	No			Yes			
52	Storage Configuration and Management	Ch	Yes	No			Yes			
53	Dynamic Resource Management (Dynamic Resource Scheduling (DRS) and load balancing for capacity management)	Ch	Yes	No			Yes			
54	Dynamic Power Management (DPM) to optimize server pool for minimum power	Ch	Yes	No			Yes			
55	Centralized Network and Storage Configuration and Management	Ch	Yes	No			Yes			
56	Unified Server Virtualization Management	Ch	Yes	No			Yes			
57	Web Services API	Ch	Yes	No			Yes			
58	VM Manager Command Line Interface (CLI)	Ch	Yes	No			Yes			
59	Public-key Authentication and Secure Remote login	Ch	Yes	No			Yes			
60	App Wrapping	Ch	Yes	No			Yes			
61	High Availability	Ch	Yes	No			Yes			
62	Weblogic Server	Ch	Yes	No			Yes			
63	Historical event tracking	Ch	Yes	No			Yes			
64	Asynchronous JavaScript and XML (AJAX) support	Ch	Yes	No			Yes			
65	Paravirtualized Mode(PVM)	Ch	Yes	No			Yes			
66	Hardware virtualized Mode or fully virtualized (HVM)	Ch	Yes	No			Yes			
67	Hardware virtualized Mode using paravirtualized drivers (PVHVM)	Ch	Yes	No			Yes			

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68	VM Templates for Applications	Ch	Yes	No			Yes			
69	Integration with Cloud Appliance	Ch	Yes	No			Yes			
70	Patch Management	Ch	Yes	No			Yes			
71	Audit Trails	Ch	Yes	No			Yes			
72	User activity tracking and time stamping	Ch	Yes	No			Yes			
73	Snapshots	Ch	Yes	No			Yes			
74	Archiving & Retention	Ch	Yes	No			Yes			
75	Capacity Monitoring	Ch	Yes	No			Yes			
76	Data Mobility	Ch	Yes	No			Yes			
77	Data Protection	Ch	Yes	No			Yes			
78	Electronic Signature	Ch	Yes	No			Yes			
79	Single Sign-on	Ch	Yes	No			Yes			
80	Failover support	Ch	Yes	No			Yes			
81	Backup both virtual machines and physical servers	Ch	Yes	No			Yes			
82	Backup to disk for fast recovery	Ch	Yes	No			Yes			
83	Backup to tape or cloud for secured off-site copy	Ch	Yes	No			Yes			
84	Progressive De-duplication	Ch	Yes	No			Yes			
85	Video streaming	Ch	Yes	No			Yes			
86	Photo albums	Ch	Yes	No			Yes			
87	Video Management	Ch	Yes	No			Yes			
88	Geographic Maps	Ch	Yes	No			Yes			
89	Lead Generation	Ch	Yes	No			Yes			
90	Platform Automation	Ch	Yes	No			Yes			
91	Workflow Management	Ch	Yes	No			Yes			
92	Operations Automation	Ch	Yes	No			Yes			
93	Business Analytics and Data Analysis	Ch	Yes	No			Yes			
94	Predictive Analytics	Ch	Yes	No			Yes			
95	Business continuity and security	Ch	Yes	No			Yes			
96	Dynamic routing between virtual networks	Ch	Yes	No			Yes			
97	Firewall	Ch	Yes	No			Yes			
98	If Yes, details of Firewall	Ch				Must Declare				
99	Number of Physical CPUs supported	Ch				Must Declare				
100	Physical Memory supported	Ch				Must Declare				
101	Number of Virtual Machines supported for each guest VM	Ch				Must Declare				
102	Virtual Memory supported for each guest VM	Ch				Must Declare				
103	Deployment options	Ch				Must Declare				
104	Number of Years upto which Support is available from OEM / Franchise online	N	1	2	3		Yes	4	years	

S.No	Parameters	Value 1	Value 2	Value 3	Validation Rule	Whether Filter required	Priority	Unit	Demand aggregation
105	Hard Disk Space Required	Ch			Must Declare				
106	RAM Size required	Ch			Must Declare				
107	Server requirements	Ch			Must Declare				
108	CPU required	Ch			Must Declare				
109	Other Hardware requirements	Ch			Must Declare				
110	Operating Systems supported (Driver)	Ch			Must Declare				
111	Supported Devices	Ch			Must Declare				
112	Supported Servers	Ch			Must Declare				
113	Supported Web browsers	Ch			Must Declare				
114	Supported Database	Ch			Must Declare				
115	Supported Protocols	Ch			Must Declare				
116	Min Processor bench mark score required	Ch			Must Declare				
117	Number of Devices Managed	N			Must Declare				
118	Maximum user handling capability	Ch			Must Declare				
119	Concurrent user handling capability	Ch			Must Declare				
120	Valid Licence copy to be provided	Ch	YES		Validation: "YES"				
121	Software supplied through	Ch	Media	URL Link	Media & URL Link		Yes		
122	Certifications / Benchmarking of Software Products	Ch			Must Declare				
123	Installation and Demonstration	Ch	YES	No					
124	No. of days Training Provided at Site	Ch	0	upto to 5	6 to 10		Yes	Days	
125	List of items included in the package	Ch			Must Declare				
126	Hyper link to Data sheet	Ch			Must Declare				
127	No of Softwares sold	Ch			Must Declare				
128	User Reference no. 1 with email, phone no., where Appliance installed	Ch			Must Declare				
129	User Reference no. 2 with email, phone no., where Appliance installed	Ch			Must Declare				
130	User Reference no. 3 with email, phone no., where Appliance installed	Ch			Must Declare				

GPR/28/08/17

(S.K. Jain) DQA

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