

Major Product Category - Network applications software (UNSPC Code: 43232700) (ITC HS Code: XXXXXXXXX)				
Sub-Category:- Unified Application Performance monitoring software (UNSPC CODE: 43232701)				
BASIC INFORMATION				
S.No	KEY	TYPE	RESTRICTIONS	PARAMETERS
1	Type of Software	Enumerable	Unified Application Performance monitoring software	Golden
2	Type of Licence	Enumerable	Perpetual, Subscription	Golden
3	Provision for Floating License (Platform agnostic)	Boolean	Yes, No	Golden
4	Name of the OEM	Text		Mandatory
5	OEM Model / Part No.	Text		Mandatory
6	Software Description	Text		Mandatory
7	Software Version/ Name	Text		Mandatory
8	Date of Launch of Version	Text		Mandatory
9	Numbers of years upto which support is available from OEM	Enumerable	1,2,3,5	Golden
Per License Capability				
10	Application Monitoring available in the offered product	Enumerable	Application Instance, DB Instance, JVM Instance, Atleast Five container Instances, Other	Golden (Multiselect)
11	If other, in above parameter then specify the Application Monitoring available in the offered product	Text		Mandatory
12	Infrastructure Monitoring available in the offered product	Enumerable	OS, Process, Network Communication	Golden (Multiselect)
13	Real User Monitoring available in the offered product	Enumerable	Pageview wise, Session wise	Golden (Multiselect)
14	If Pageview Wise, then specify the no of Pageviews per year(in Million) (Hint: If Session wise , then Select '0' in that case)	Numeric	0-10	Filter
15	If Session Wise, then specify the no of Session per year(in Thousand)(Hint: If Pageview wise, then Select '0' in that case)	Numeric	0-500	Filter
16	BW/Storage limit on Monitored DB Server instances	Enumerable	Limited , Unlimited	Golden
17	If Limited in above parameter, then specify the BW/Storage limit	Text		Mandatory
18	Log Collection & analysis on Monitored App Servers( in GB per day?)	Enumerable	0.5, 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 9.5, 10	Golden(Higher is better)
19	Analytics (on transaction) on collected Data(in transactions/ events per day)	Enumerable	500000,750000, 1000000, 1250000, 1500000, NA	Golden
20	Reporting on collected Data	Enumerable	Limited , Unlimited	Golden

21	<b>If Limited in above parameter, then specify the Reporting on collected Data</b>	Text		Mandatory
22	<b>Provision to Swappable License (Platform, OS, DB etc.)</b>	Boolean	Yes, No	Golden
<b>FEATURES AND FUNCTIONALITY PARAMETERS</b>				
23	<b>Provision of Single platform architecture and Web UI to address various dimensions of Application Performance Management</b>	Enumerable	End user experience monitoring, Architecture discovery modeling and display, Transaction profiling, Deep-dive monitoring analytics, Unified visibility into Application, DB, Server, User and Analytics.	Golden (Multiselect)
24	<b>Provision of Web UI to provide custom Role based access control for granular controls</b>	Boolean	Yes, No	Golden
25	<b>Provision of Automatic Business metrics and Application performance correlation through Analytics.</b>	Boolean	Yes, No	Golden
26	<b>Provision of Automatic Infrastructure Metrics, Logs &amp; Application performance correlation through Analytics</b>	Boolean	Yes, No	Golden
27	<b>Provision in the offered product for flexibility to monitor applications deployed</b>	Enumerable	On-Premise, Multi - location, Multi-DC, On Cloud, On hybrid-cloud	Golden (Multiselect)
28	<b>Provision of Automatic &amp; dynamic baselining of all components/metrics including custom metrics through AI/Machine learning</b>	Boolean	Yes, No	Golden
29	<b>Provision for manual override of any baseline</b>	Boolean	Yes, No	Golden
30	<b>Provision for Code Level (Method/Class) diagnostic on Poorly performing transactions</b>	Boolean	Yes, No	Golden
31	<b>Provision for OOB integration or API to access APM Data as well as to integrate with leading Service Desk, Development &amp; Automation tools.</b>	Boolean	Yes, No	Golden
32	<b>Provision for SSL/ Encrypted data transmission between every monitoring component</b>	Boolean	Yes, No	Golden

33	Provision to perform synthetic jobs on web browsers in the same UI as the rest of the solution with capability to script & measure multi-page workflows.	Boolean	Yes, No	Golden
34	Provision to store and work on historical data(in Days)	Numeric	1-365	Golden(Higher is better)
<b>Web UI Capability</b>				
35	Provision for Dashboard with summary on realtime data on Key Metrics (such as response time, errors, Requests count,Infra metrics etc.) aggregated per application.	Boolean	Yes, No	Golden
36	Provision for Drill Down capabilities from summary Dashboard to any instance of any Application component with realtime data on Key Metrics (response time, errors, Requests count etc.) aggregated at that level.	Boolean	Yes, No	Golden
37	Provision for Configuration, Management, Monitoring, Analysis & Reporting through Single Web-based user interface with SSO.	Boolean	Yes, No	Golden
38	Provision to Create Custom Dashboards	Boolean	Yes, No	Golden
39	Provision for Alerts and Notification configuration through Web UI	Boolean	Yes, No	Golden
40	Capability to generate Reports through Web UI in the offered product for	Enumerable	Basic Reports , Custom Reports, Schedule Reports	Golden (Multiselect)
41	Capability to export generated reports in multiple formats	Enumerable	PDF, CSV, excel, html,	Golden (Multiselect)
42	Provision for usage and performance analytics based upon	Enumerable	Device type, OS type, OS version, Browser type, Location	Golden (Multiselect)
43	Provision to Display Key metrics on Geo Map.	Boolean	Yes, No	Golden
<b>APM Capability</b>				
44	Capability to automatically discover business transactions and components including backends (DB, Web Services etc.)	Boolean	Yes, No	Golden
45	Capability to automatically create a visualization of the entire application topology & interactions within all components.	Boolean	Yes, No	Golden
46	Capability to capture custom business metrics without changing application code.	Boolean	Yes, No	Golden

47	The offered product automatically can	Enumerable	Count measure and score every transaction, Discover code deadlocks	Golden (Multiselect)
48	Provision to auto Identify for	Enumerable	Slow transactions , Error transactions, Stalled transactions, Components & backends , External calls, Slow DB queries,	Golden (Multiselect)
49	Capability to provide Network Visibility on Host (Network endpoints & visibility)	Boolean	Yes, No	Golden
50	Provision of Detailed transaction traces down to specific lines of code/Method/Class	Boolean	Yes, No	Golden
51	Provision to Report application errors & exceptions	Boolean	Yes, No	Golden
52	Provision to collect DB data (SQL Explain & Execution plans, locks, performance, stalls etc.)	Boolean	Yes, No	Golden
53	Provision to drill down from business transaction to correlated log entries in single platform.	Boolean	Yes, No	Golden
54	Provision to compare business transactions flows for different custom time ranges (Trend Analysis).	Boolean	Yes, No	Golden
55	Provision of Application framework metrics (performance counters, JMX mBeans, Java Memory leaks etc)	Boolean	Yes, No	Golden
56	Provision of Real user monitoring (all Popular browsers & Mobile Devices)	Boolean	Yes, No	Golden
57	Capability to Monitor Containerized Application & Microservices metrics without changing container image	Boolean	Yes, No	Golden
58	Capability to group transactions together based on a user-identification parameter like Session ID, IP etc and display all transactions in order of execution.	Boolean	Yes, No	Golden
<b>Infrastructure Monitoring Capability</b>				
59	Provision to automatically monitor basic hardware metrics for	Enumerable	1. CPU Memory & System Load 2. Disc Metrics 3. Network Metrics, 4. Others	Golden (Multiselect)
60	If Others, then please Specify	Text		Mandatory
61	Provision to automatically monitor Process related metrics for	Enumerable	Process ID, Count, Resources throughput, Threads, Status	Golden (Multiselect)
<b>Real User Monitoring</b>				
62	Provision for Mobile Apps (Hybrid & Native) with popular Mobile OSs across multiple App versions.	Boolean	Yes, No	Golden

63	<b>Provision to Trace transactions from App/browser all the way to the server side.</b>	Boolean	Yes, No	Golden
64	<b>Ability to track user sessions(App/Browser) to understand user flows and behaviour</b>	Boolean	Yes, No	Golden
65	<b>Ability to capture user interactions(User Journey).</b>	Boolean	Yes, No	Golden
66	<b>Provision for configurable option set through Web UI to monitor either all user-sessions &amp; all requests or only a SAMPLE set of sessions &amp; requests as per need basis.</b>	Boolean	Yes, No	Golden
67	<b>Provision to automatically inject js on all/selected pages.</b>	Boolean	Yes, No	Golden
68	<b>Provision for browser/app metrics (cache hits, load time, TTFB etc.) for all web resources on all pages being monitored</b>	Boolean	Yes, No	Golden
69	<b>Provision for detailed browser/app traces for poor performing end user requests.</b>	Boolean	Yes, No	Golden

#### Analytics Capability

70	<b>Provision for Automatic Impact analysis due to slow, stalled &amp; error transactions</b>	Boolean	Yes, No	Golden
71	<b>Provision for Automatic analysis of end-to-end APM data to provide root cause analysis &amp; hot-spots.</b>	Boolean	Yes, No	Golden
72	<b>Provision for Automatic Application log data analysis &amp; correlation with APM &amp; Infrastructure Metrics</b>	Boolean	Yes, No	Golden
73	<b>Provision for Auto-Inject transaction Identifier in logs, so that logs for a particular transaction can be fetched and correlated with APM data.</b>	Boolean	Yes, No	Golden
74	<b>Provision to correlate data between mobile/browser, server, infrastructure and log monitoring</b>	Boolean	Yes, No	Golden
75	<b>Capable to offer graphical query builder as well as analytics query language to enable advanced users to create complex queries to get desired outcome.</b>	Boolean	Yes, No	Golden

#### Alerts & Notification Capability

76	Provision for Point-n-click rules/Policy based configuration on Web UI to		<b>1.Configure Alerts &amp; Notification 2. Leverage multiple data inputs into analysis (app performance data, Infra data and Real User data) 3. Use Boolean logic to combine multiple conditions through AND/OR logic to combine different metrics into one trigger/alert</b>	Golden (Multiselect)
77	Provision to disable rule evaluation temporarily for predetermined maintenance windows.	Boolean	Yes, No	Golden
78	Provision to send Notifications through eMail/SMS on alerts.	Boolean	Yes, No	Golden
79	Provision to integrate with leading tools through OOB integration or REST API.	Boolean	Yes, No	Golden
80	Provision for offer AI/machine-learning based alerting techniques	Boolean	Yes, No	Golden
81	Capability to associate diagnostics actions with alert (heap dump/thread dump)	Boolean	Yes, No	Golden
82	Capability to set alerts on custom metrics.	Boolean	Yes, No	Golden
<b>Infrastructure Requirement, Scalability &amp; Updates</b>				
83	Offered product can be installed, configured and managed without taking additional Professional Support	Boolean	Yes, No	Golden
84	Required OS and DB licenses (if any) for deployment of APM solution in HA bundled with the offered product.	Boolean	Yes, No	Golden
85	APM (All Components) Deployment in HA mode	Boolean	Yes, No	Golden
86	Agent can be managed from APM Web UI	Boolean	Yes, No	Golden
87	Server Upgrades/updates to be non disruptive to the whole APM ecosystem	Boolean	Yes, No	Golden
88	Agent able to collect & persist data even if it is disconnected from APM server for very short durations.	Boolean	Yes, No	Golden
89	Agent able to sync collected data to APM server in time (sec)	Numeric	1-60	Golden

90	Free upgradation for all version & feature during the warranty/support period	Boolean	Yes, No	Golden
91	All the APM component adhere to industry best practices for application security & free from latest OWASP Top 10 Most Critical Web Application Security Risks	Boolean	Yes, No	Golden
92	APM agent overhead of the application Resource Requirement while monitoring all the transactions. Also Agent not to downgrade its capabilities to match this limit to be in percentage	Numeric	1-6	Golden
93	Agent able to mask/strip sensitive data according to custom access rights	Boolean	Yes, No	Golden
94	Agent able to run as non root/admin user on supported platforms	Boolean	Yes, No	Golden
95	24 * 7 Technical support centre from OEM in India	Boolean	Yes, No	Golden
96	Specify the 24*7 Technical support team location from OEM	Text		Mandatory
97	Technical team for Delhi-NCR from OEM	Boolean	Yes, No	Filter
98	Supported Application Framework	Enumerable	.Net, Java, PHP, MySQL, PostgreS, Oracle, MS SQL, Windows Server 2008 R2 and above , Major Linux Distributions, Container (Microservices)	Golden
99	If other, in above parameter then specify the Supported Application Framework	Text		Mandatory
<b>GENERIC PARAMETERS</b>				
100	OEM / Bidder has to demonstrate the installation working to prove the Compliance of his parameters	Boolean	Yes, No	Golden
101	Maximum user handling capability	Text		Mandatory
102	Concurrent user handling capability	Text		Mandatory
103	Valid Licence copy to be provided	Enumerable	YES	Filter
104	Software supplied through	Enumerable	Media, URL Link, Media & URL Link	Filter
105	Certifications / Benchmarking of Software Products	Text		Mandatory
106	Hyper link to Data sheet	Text		Mandatory
107	Number of same Softwares sold already	Numeric	1-10000	Filter

<b>108</b>	<b>Number of User Referance from Government Department where same Software installed</b>	Numeric	1-1000	Filter
<b>109</b>	<b>Details of Government Department email, phone no.Of concerned authority where same Software installed for above</b>	Text		Mandatory





































































































































































	<b>TOP LEVEL KEY</b>	<b>SUPPORTED HARDWARE REQUIREMENT PARAMETERS</b>						
68	<b>Minimum Hard Disk Space Required</b>	Text					Must Declare	Mandatory
69	<b>RAM Size required</b>	Text					Must Declare	Mandatory
70	<b>Server requirements</b>	Text					Must Declare	Mandatory
71	<b>CPU required</b>	Text					Must Declare	Mandatory
72	<b>Operating Systems supported</b>	Text					Must Declare	Mandatory
73	<b>Supported Devices</b>	Text					Must Declare	Mandatory
74	<b>Supported Servers</b>	Text					Must Declare	Mandatory
75	<b>Supported Web browsers</b>	Text					Must Declare	Mandatory
76	<b>Supported Database</b>	Text					Must Declare	Mandatory
	<b>TOP LEVEL KEY</b>	<b>GENERIC PARAMETERS OF BUSINESS INTELLIGENCE AND DATA ANALYSIS SOFTWARE</b>						

77	<b>Free Upgradati on to Higher Version</b>	Enumerable	YES			Validation: "YES"	Filter	
78	<b>Valid Licence copy to be provided</b>	Enumerable	YES			Validation: "YES"	Filter	
79	<b>Software supplied through</b>	Enumerable	Media	URL Link	Media & URL Link		Filter	
80	<b>Certificati ons / Benchmar king of Software Products</b>	Text				Must Declare	Mandatory	
83	<b>Hyper link t</b>	Text				Must Declare	Mandatory	
84	<b>No of Softwares sold</b>	Numeric	1-10000			Must Declare	Filter	

85	<b>Number of User Reference no. 1 with in Government Department email, phone no.Of concerned authority where Software/ Appliance installed</b>	Numeric	1-1000			Must Declare	Filter	
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86	<b>Details of Government Department email, phone no.Of concerned authority where Software /Appliance installed for above.</b>	Text				Must Declare	Mandatory	
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