

Major Product Category- Security and protection software (UNSPC Code: 43233200)	GeM3.0
Product Name - Website, File and Databases Monitoring Software Using Block Chain Technology (UNSPC Code: - 43233207)	

BASIC INFORMATION

S.No	KEY	TYPE	RESTRICTIONS	PARAMETERS
1	Software Domain / Type	Enumerable	1. Website Monitoring Software Using Block Chain Technology 2. File Monitoring Software Using Block Chain Technology. 3. Databases Management & Monitoring Software Using Block Chain Technology	Golden (Multiselect)
2	Technology	Enumerable	Block chain technology	Golden
3	Blockchain Hosted	Enumerable	In premise Setup , On Cloud setup	Golden
4	In case of In premise setup , Hash values created by offered product	Enumerable	Remains in premise, go outside on cloud hosted blockchain, NA	Golden
5	In case of On cloud setup , Hash values created by offered product	Enumerable	Remains in premise, go outside on cloud hosted blockchain, NA	Golden
6	Type of web pages/ data to be protected	Enumerable	1- Static web pages 2- Dynamic Web Pages (requires Integration to enable the restoration feature in near real time) 3- NA	Golden (Multiselect)
7	Types of Licence	Enumerable	Perpetual, Yearly Subscription	Golden
8	OEM Model / Part No.	Text		Mandatory
9	Brief Description of the Software Product	Text		Mandatory
10	Software Version	Text		Mandatory
11	Date of Launch of Version	Text		Mandatory
12	Number of Years upto which Support is available from OEM / Seller	Enumerable	1,2,3,5	Golden

FEATURES AND FUNCTIONALITY PARAMETERS

13	The offered product capable to	Enumerable	1. Protect web content from defacement . 2. Protect script files from defacement . 3. Protect data from defacement . 4. Secure database management & monitoring.	Golden (Multiselect)
14	Offered product ensure that tampering can be automatically detected and reverted to the original state in near realtime for	Enumerable	1. Any websites 2. Any script files. 3. Any data	Golden (Multiselect)
15	Blockchain Technology/ Platform Supports	Enumerable	1. Ethereum 2. KSI Blockchain 3. Hyperledger 4. Quorum 5. Private Blockchain	Golden (Multiselect)
16	Features of Log Management	Enumerable	1. Protect data integrity & Create an immutable audit trail of activities log. 2. NA	Golden
17	Features of Monitoring	Enumerable	1. Fast monitoring in File level. 2. Fast monitoring in URL level. 3. Database monitoring	Golden (Multiselect)
18	Throughput in the system defined as	Enumerable	1. No. of files monitored per second 2. Number of URL (Websites) monitored per second 3. Number of Data transaction monitored per second	Golden (Multiselect)

19	Throughput for file monitoring (Hint :- Select'0' if not applicable)	Numeric	0 - 2000	Golden (Higher is better)
20	Throughput for URL (Website) monitoring (Hint :- Select'0' if not applicable)	Numeric	0 - 2000	Golden (Higher is better)
21	Throughput for Data transaction monitoring (Hint :- Select'0' if not applicable)	Numeric	0 - 2000	Golden (Higher is better)
22	Features of Application	Enumerable	1. Data Integrity 2. Data Protection. 3.URL Content Protection. 4.Data Recovery. 5.Auto Recovery. 6.Manual Recovery. 7.High Speed Monitoring. 8.Alert System. 9. Role based permission. 10.Reporting 11. Data Security	Golden(Multiselect)
23	Features of Signature	Enumerable	1. Technology works on "keyless" signature to any type of data. 2.Signature stores with the data, as an attribute which can be used to verify the time of creation. 3. Identified creator & integrity of data 4. Safety of Insider keys, secret , certificate without the data leaving the premise. 5. NA	Golden(Multiselect)
24	Offered product can be integrated with SIEM (Security Information & Event Management)	Boolean	Yes, No	Filter
25	Any other features	Text		Mandataory

Blockchain Enabled Database Management & Monitoring Software

26	Database monitoring & management feature in the offered product	Enumerable	1. IMMUTABILITY 2. RICH PERMISSION LOGIC 3. FLEXIBLE 4. DATA-CENTRIC 5. DECENTRALIZED 6. Built-in permission model 7. DISTRIBUTED CONSENSUS using RAFT Algorithm 8. DISTRIBUTED CONSENSUS using PBFT Algorithm 9. GRAPH-STYLE STRUCTURE 10. Wide support of programming languages 11. HOSTED OPTION 12. SQL-grade joins 13 .Hosting Type 14. ACID COMPLIANCE 15. GRAPHICAL SUPPORT 16. TIME TRAVEL FEATURE 17. TRANSACTION SCALABILITY 18. NA	Golden(Multiselect)
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INSTALLATION & COMMISSIONING

27	Installation of the offered product at buyer premises	Boolean	Yes, No	Golden
28	Commissioning of the offered product at buyer premises	Boolean	YES,No	Golden
29	Commissioning work to be done at buyer premises are	Enumerable	1- Infrastructure (provided by the buyer)setup 2- Installation of the offered product 3- Configuration of the offered product 4- Agent setup 5- Monitoring Application Setup 6- Setup of webpages/ Files to be monitored. 7. Setup of database to be managed/monitored. 8- System setup 9- User Setup 10- System Testing 11- NA	Golden (Multiselect)
30	Number of days required in the Commissioning(in Days)	Enumerable	upto 10, Upto 20, upto 30 ,upto 45 ,NA	Golden

31	Number of Men power to be deployed at buyer premises for Commissioning(Hint :- Select'0' if not applicable)	Enumerable	0,1,2,3,4, 5,6,7,8	Golden
32	Any other details required for Installation and Commissioning	Text		Mandataory
HARDWARE/ INFRASTRUCTURE REQUIREMENT FOR THE PRODUCT				
33	Min configuration of Application Server	Text		Mandataory
34	Min configuration of Database server	Text		Mandataory
35	Backup of Webservice data is required for restoration feature.	Text		Mandataory
36	CPU requirement	Text		Mandataory
37	Minimum RAM Capacity requirement for Servers	Text		Mandataory
38	Minimum Hard Disks Capacity requirement for Servers			
39	Operating Systems requirements	Text		Mandataory
40	Supported Technology/ Platform	Text		Mandataory
41	Internet Connectivity Requirement	Text		Mandataory
42	Supported Databases	Text		Mandataory
43	Supported Servers	Text		Mandataory
GENERIC PARAMETERS				
44	Free Upgradation to Higher Version	Enumerable	YES	Filter
45	Valid Licence copy to be provided	Enumerable	YES	Filter
46	Software supplied through	Enumerable	Media,URL Link,Media & URL Link,Pre-loaded	Filter
47	Certifications / Benchmarking of Software Products	Text		Mandataory
48	Installation and Demonstration	Boolean	Yes, No	Filter
49	No. of days Training Provided at Site	Enumerable	0, upto to 5,6 to 10,11 to 20,21 to 30	Filter
50	Hyper link to Data sheet	Text		Mandataory
51	No of Software sold	Numeric	0-10000	Filter
52	Number of Software deployment/Installed in Govt. Department from OEM	Numeric	0-1000	Filter
53	Details of Government Department email, phone no.Of concerned authority where Software installed or used for above.	Text		Mandataory

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