



CORRIGENDUM
REQUEST FOR PROPOSAL FOR
SUPPLY, INSTALLATION, CONFIGURATION, INTEGRATION,
MAINTENANCE AND MONITORING OF
WAF & RASP SOLUTIONS
DATE: 03.12.2018

Ref: SBI/GITC/PE-II/2018/2019/523 Dated: 15/10/2018

PLATFORM ENGINEERING – II DEPARTMENT
STATE BANK GLOBAL IT CENTRE,
SECTOR – 11, CBD BELAPUR,
NAVI MUMBAI – 400614

The RFP Stands amended as under:

Sr. No.	RFP Page/ Point	Existing Clause	Revised Clause
1.	43/12 Earnest Money Deposit	Rs. 50,00,000/- (Rs.50,00,000/- by means of a DD or Bankers' cheque payable at Mumbai in favor of State Bank of India)	Rs. 50,00,000/- (Rs.50,00,000/- by means of a DD or Bankers' cheque payable at Mumbai in favor of State Bank of India) EMD can be waived off after producing the required certificate of MSME (for registration) and NSIC (for waiver of EMD).
2.	43/16 Delivery schedule	Delivery of hardware & software components should be completed within four (04) weeks and installation and configuration of the entire solution should be completed within six (06) weeks from the date of issue of Purchase Order.	Delivery schedule - Delivery of hardware & software components should be completed within Six (06) weeks and installation and configuration of the entire solution should be completed within twelve (12) weeks from the date of issue of Purchase Order.
3.	50/ Annexure-B Bidder's Eligibility Criteria / 4	Bidder should have experience of minimum Five years in providing the product/services as on 30th September 2018.	Bidder/OEM should have experience of minimum Five years in providing the product/services (WAF) and minimum three years of experience for RASP as on 30th September 2018. However, in case of the OEM Experience is quoted, the Bidder shall provide Commitment certificate from on the OEM's official letter head mentioning that the OEM shall take the full responsibility of implementation as described in this RFP Document in case, the Bidder fails in fulfilling obligations of the RFP. (Original copy obtained from the OEM(s) to be enclosed).
4.	50 Annexure-B Bidder's Eligibility	Client references and contact details (email/ landline/ mobile) of customers for whom the Bidder has executed similar projects.	Client references and contact details (email/ landline/ mobile) of customers for whom the Bidder/OEM has executed similar projects. (Start and End Date of the Project to be mentioned) in the past (At least Two client references are required)

Sr. No.	RFP Page/ Point	Existing Clause	Revised Clause
	Criteria / /5	(Start and End Date of the Project to be mentioned) in the past (At least Two client references are required)	However, in case of the OEM Experience is quoted, the Bidder shall provide Commitment certificate from on the OEM's official letter head mentioning that the OEM shall take the full responsibility of implementation as described in this RFP Document in case, the Bidder fails in fulfilling obligations of the RFP. (Original copy obtained from the OEM(s) to be enclosed).
5.	51 Annexure-B Bidder's Eligibility Criteria / /10	The OEM should have support center locally in India, which is capable of resolving issues with highest severity.	The OEM should have office locally in India with dedicated support team of L1, L2, L3 and L4 resources on their payroll. The support should be provided onsite.
6.	52 Annexure-B Bidder's Eligibility Criteria	New Clause	15. The proposed RASP Solution OEM must be present in Leaders section of the Gartner's Magic Quadrant for Application Security Testing published on 19.03.2018.
7.	53/Annexure B1 - 2	However, in case of Blade based architecture, each chassis should be of same capacity, and there has to be chassis level redundancy for each unit of load balancer, There has to be even number of chassis, Each unit of the load balancer should have a failover in different chassis. The entire architecture has to be designed that each instance would have a fail over instance in another device/chassis and each unit should be separately scalable.	The clause should be read as: "However, in case of Blade based architecture, each chassis should be of same capacity, and there has to be chassis level redundancy for each unit of WAF appliance. There has to be even number of chassis. Each unit of the WAF appliance should have a failover in different chassis. The entire architecture has to be designed that each instance would have a fail over instance in another device/chassis."

Sr. No.	RFP Page/ Point	Existing Clause	Revised Clause
8.	54/Annexure B1 – 5	Both primary and failover should be in Active-Active mode with load sharing enabled with 100% redundancy. i.e. Each component to have designated identical failover component.	<p>The clause should be read as:</p> <p>"At each datacenter (POP), Both primary and failover WAF appliance, should be in Active-Active mode with load sharing enabled with 100% redundancy. i.e. Each component to have designated identical failover component."</p> <p>Any component/device/utility etc. required to run the solution as required in the RFP has to be provisioned by the bidder with equivalent HA component.</p>
9.	55/Annexure B1 - 11	The Load Balancing feature should be provided on all the appliances across all the Datacenters as part of offered solution.	The Load Balancing feature should be provided on all the appliances across all the Datacenters as part of offered solution. This feature could be internal to the appliance or provided using best of the breed external solutions.
10.	56/Annexure B1 - 15	Each WAF appliance must have minimum of 4 physical ports. These 4 physical ports should be out of minimum two separate physical I/O cards.	<p>The clause to be read as:</p> <p>"Each WAF appliance must have minimum of 4 physical ports. These 4 physical ports should be out of minimum two separate physical I/O cards/ Slots"</p>
11.	56/Annexure B1 - 17	The compression feature should be provided on all the appliances across all the Datacenters as part of offered solution. Maximum compression supported on all these appliances should be enabled and provided.	<p>The clause to be read as:</p> <p>"The compression feature (if it is supported on the provided appliance) should be provided on all the appliances across all the Datacenters as part of offered solution. Maximum compression supported on all these appliances should be enabled and provided."</p>
12.	57/Annexure B1 - 20	Traffic Optimization feature should be provided (for e.g., connection pooling, TCP multiplexing, etc.)	<p>The clause to be read as:</p> <p>"Traffic Optimization feature (if it is supported on the provided appliance)</p>

Sr. No.	RFP Page/ Point	Existing Clause	Revised Clause
			should be provided (for e.g., connection pooling, TCP multiplexing, etc.)"
13.	57/ Annexure B1 - 25	WAF should support web application crawling for actively mapping the protected application.	The clause to be read as: "WAF should support learning of web application URL structure for actively mapping the protected application"
14.	58/ Annexure B1 - 31	For each of the Datacenter, local High Availability should be maintained (using separate physical appliances) in Active-Passive mode	The clause should be read as: "For each of the Datacenter, local High Availability should be maintained (using separate physical appliances) in Active-Passive mode. However, at any point, Bank may consider to configure this in Active-Active mode as well"
15.	58/ Annexure B1 - 38	The provided solution should provide content based routing for application delivery (for e.g., requested contents such as URL, HTTP Headers and Parameters)	The clause to be read as: "The provided solution should provide content based routing (if supported on the provided appliance) for application delivery (for e.g., requested contents such as URL, HTTP Headers and Parameters"
16.	58/ Annexure B1 - 40	The solution's monitoring appliance must be able to support all of the following deployment modes to monitor web application traffic over the network: - Via a SPAN/TAP port sniffing mode - Layer-2 transparent inline mode - Reverse Proxy mode - Transparent Layer-2 Reverse Proxy mode	The solution's monitoring appliance must be able to support all of the following deployment modes to monitor web application traffic over the network: - Layer-2 transparent inline mode - Reverse Proxy mode - Transparent Layer-2 Reverse Proxy mode
17.	60/ Annexure B1 - 48	Should support granting AUTH token to API caller before they make API calls.	The clause to be read as: "Should support granting AUTH token to API caller (if supported on the provided appliance) before they make API calls."
18.	62/ Annexure	The solution should be able to detect known attacks at multiple levels. This	The clause should be read as:

Sr. No.	RFP Page/ Point	Existing Clause	Revised Clause
	re B1 - 61	includes network, operating system, Web server software and application-level attacks.	"The solution should be able to detect known attacks at multiple levels by inspecting the web application traffic. This includes network, operating system, Web server software and application-level attacks."
19.	63/ / Annexure B1 - 75	The solution should be able to automatically learn all the host names of the web applications being protected.	The clause to be considered as deleted.
20.	65/ / Annexure B1 - 82	The solution should support all the following web application vulnerability assessment tools (Web application scanners) Wherever the integration is not available out-of the box, same needs to be enabled with needed configuration at the solution provider	The clause to be read as: "The solution should support all major web application vulnerability assessment tools (Web application scanners), like Fortify Webinspect, Nessus, etc. Wherever the integration is not available out of the box, same needs to be enabled with needed configuration at the solution provider"
21.	67/ / Annexure B1 - 91	The solution must be able to load balance both HTTP and HTTPs based application from L4 to L7.	The clause to be considered as deleted.
22.	67 / Annexure B1 - 92	The solution should support File Upload Violation & scanning for malicious content in Uploads through ICAP integration with Anti-Virus gateways and/or DLP for HTTP/HTTPs and SMTP/SMTPs protocols.	The solution should support File Upload Violation & scanning for malicious content in Uploads through ICAP integration, if the feature is available in the appliance, with Anti-Virus gateways and/or DLP for HTTP/HTTPs and SMTP/SMTPs protocols.
23.	68 / Annexure B1 - 94	The Proposed WAF Solution should have capability to support Anti-Bot Mobile SDK to Whitelist establish trust based on an embedded software package within the customer's application code, and corresponding cookie verification.	The clause to be considered as deleted.

Sr. No.	RFP Page/ Point	Existing Clause	Revised Clause
24.	69 / Annexure B1 - 103	The solution must be able to decrypt SSL web traffic that are using all known strong keys including Diffie-Hellman key exchange protocols	The clause to be read as: "The solution must be able to decrypt SSL web traffic that are using all known strong keys including Diffie-Hellman key exchange protocol/ ECC/ECDHE etc. All latest standard key exchange protocols to be supported"
25.	71 / Annexure B1 - 118	WAF should be able support scanning of Images.	WAF should be able support scanning of Images for malicious contents if the feature is supported on appliance/device.
26.	74 / Annexure B1 - 138	The solution should support automatic updates to the signature database to ensure complete protection against the latest web application threats. New Signatures should be in staging mode initially to avoid false positive if any. A local signature repository should be made available for enabling manual/automated signature update. The signature updates should be possible using the centralized management console	The Signature shall be updated as soon as they are released by the OEM(s). The Bidder should download the signatures and update wherever required in the solution. The Bank shall provide the facility to download the signatures & updates. However, the connectivity to the internet shall only be as per the Bank's Security Policy.
27.	75 / Annexure B1 - 149	The solution must support the following authentication mechanism for accessing the solution management UI: - In-built authentication in the solution - Kerberos authentication - LDAPS - RADIUS authentication - TACACS authentication - SAML v2 - Client Certificate Based Authentication - Active Directory/ADFS	The solution must support the following minimum authentication mechanism - In-built authentication in the proposed solution - LDAPS - RADIUS/TACACS authentication - Active Directory

Sr. No.	RFP Page/ Point	Existing Clause	Revised Clause
28.	77 / Annexure B1 - 149	Each appliances should have all the components (Disks, RAM cards, power supply) with full redundancy.	Each appliances / chassis should have all the components (Disks/RAM/Cards/power supply, etc.) with full redundancy.
29.	77 / Annexure B1 - B.1	It should have capability to handle all the events generated by the WAF Setup in real time. A total of minimum 5 TB log generation from WAF should be provided (either in events and/or file mode)	<p>The clause should be read as:</p> <p>"It should have capability to handle all the events generated by the WAF Setup in real time. A minimum of 5 TB per day log generation from WAF should be supported and licenses provided (either in events and/or file mode)"</p> <p>The Logs are required to be retained for:</p> <p>(a) Online: for 90 Days (b) Archived Readable: 1 Year (c) Long Term Retention: 5 Years</p>
30.	77 / Annexure B1 - B.9	The access control permissions should be configurable down to event level, IP level and even Source Port level	<p>The clause should be read as:</p> <p>"The access control permissions should be configurable down to event and IP level. Specific users (Role wise) should be able to access only their reports and dashboards (role wise)"</p>
31.	78 / Annexure B1 - B 17	Non-disruptive (& data in place) Firmware/microcode Upgrades without reboot.	The clause to be read as: "Non-disruptive (& data in place) Firmware/microcode Upgrades."
32.	78 / Annexure B1 - B. 18	Non-disruptive (& data in place) Capacity and Connection Expansion without reboot.	Non-disruptive (& data in place) Capacity and Connection Expansion“.
33.	88 /Annexure E Helpdesk Requirements	<p>a) The minimum qualification required shall be BE/B Tech with minimum 2 years of experience in the WAF/RASP.</p> <p>b) Dedicated On-Site Support team lead with high level of expertise (certification + min 5 years of experience in proposed technology) has to be provisioned.</p>	<p>a) The minimum qualification shall be BE/B Tech with,</p> <p>- Minimum 2 years of work experience in managing the WAF (for WAF Solutions)</p>

Sr. No.	RFP Page/ Point	Existing Clause	Revised Clause
		<p>c) Bank reserves the right to interview all of the professionals to be deployed in the project and reject if not found suitable for the project. At a later stage also if any of the professional found unsuitable or incapable or violates any of the bank guidelines Bank may ask to remove all such professionals on a short notice.</p> <p>d) The Bidder should deploy onsite support on 24 x 7X365 for one year from the production go live with minimum 2 resources per Shift. (profile to be attached)</p> <p>e) The bidder should also provide security experts which shall build the application security portfolio of the Bank with following responsibility. (profile to be attached)</p> <p>f) The resources will be on boarded after scrutiny as per the Bank's requirements.</p> <p>g) Properly laid down escalation matrix clearly stating the L1, L2 and L3 support structure.</p>	<p>- Minimum 1 year of experience in RASP Technologies (for RASP Solution)</p> <p>The Bidder should provision the adequate number of resources for managing both the solutions effectively.</p> <p>b) On-Site Support team lead with high level of expertise (OEM certification + min 5 years of experience in proposed technology) has to be provisioned.</p> <p>c) Bank reserves the right to interview all of the professionals to be deployed in the project and reject if not found suitable for the project. At a later stage, if any of the professional found unsuitable or incapable or violates any of the bank guidelines/policies, Bank may ask to remove all such professionals on a short notice.</p> <p>d) The Bidder should deploy onsite on 24 x7X365 (366) for Five years from the production go live with minimum 2 resources per Shift.</p> <p>The onsite team shall be responsible for administration, daily housekeeping activities, patching, configuration management, monitoring, integration and technical support for the complete solutions provided to the Bank. (Profile to be attached)</p> <p>e) The Bidder should also arrange for Information Security SME, who shall build and configure the application security portfolio of the Bank during entire contract period. (profile to be attached)</p> <p>f) The resources will be on boarded after document scrutiny and personal</p>

Sr. No.	RFP Page/ Point	Existing Clause	Revised Clause
			interaction as per the Bank's requirements. g) The Bidder shall share the escalation matrix stating the L1, L2 and L3 support structure.
34.	92/ Annexure F - 103	Annexure F – Change of Warranty Period in individual tables, AMC Details and Onsite Resource	Refer to the Revised Annexure F appended below.
35.	109/ Annexure L - 3	Warranty for Hardware Components: Onsite comprehensive warranty for all the hardware components including free replacement of spares, parts, kits as and when necessary will be 60 months from date of installation or 63 months from date of delivery, whichever is earlier.	Refer to the Revised Annexure F appended below.
36.	121/ SLA Template	In the commercial bid format, the price asked is for warranty for 3 years from go live date whereas in page 109 of the RFP the warranty period mentioned is 60 months from date of installation. Please clarify if it is for 3 years or 5 years	Refer to the Revised Annexure F appended below.
37.	Annexure B1/ A. WAF	New Clause	There should not be any restriction on use of number of virtual instances in the WAF appliance.
38.	Annexure-B1 B. Logger	New Clause	Log management solutions deployed across all 5 data centers should be accessible centrally. Log search and reporting should be available on both locally and centrally.
39.	Annexure-B1 B. Logger	New Clause	The proposed solution must have central UI for raw log search, normalized log search etc. It should give suggestions while searching.

Sr. No.	RFP Page/ Point	Existing Clause	Revised Clause												
40.	Annexure-B1 B. Logger	New Clause	Logger solution if provided as a VM (ESXi) Solution/software, the hardware shall be provided by the Bank. However, if it is provided as a hardware appliance, than end to end hardware (including backup & archival solutions) to be provided by the Bidder as per the sizing & retention requirement as mentioned in point no. 77 / Annexure B1 - B.1 in this document.												
41.	Annexure B1/ A. WAF	New Clause	All the WAF ports should be Fiber 10 GBPS (LAN), with required adapters and fiber cables.												
42.	42/ Part II : Schedule of Events 6	Last date and time for Bid submission 16:00 HRS (time) on 17.11.2018 (date)	Last date and time for Bid submission 16:00 HRS (time) on 17.12.2018 (date)												
43.	42/ Part II : Schedule of Events 8	Date and Time of opening of Technical Bids 16:30 HRS (time) on 17.11.2018 (date) Authorized representatives of vendors may be present during opening of the Technical Bids. However, Technical Bids would be opened even in the absence of any or all of the vendor representatives.	Date and Time of opening of Technical Bids 16:30 HRS (time) on 17.12.2018 (date) Authorized representatives of vendors may be present during opening of the Technical Bids. However, Technical Bids would be opened even in the absence of any or all of the vendor representatives.												
44.	85/Annexure E	New Clause	All the new features and upgrades released/added during the contract period should be extended to the Bank at no Additional Cost.												
45.	110/Annexure L – 7	g) Penalties for SLA uptime shall be as under; <table><tr><td>S. No.</td><td>Uptime Range</td><td>Penalty</td></tr><tr><td>1.</td><td>>= 99.99%</td><td>No Penalty</td></tr></table>	S. No.	Uptime Range	Penalty	1.	>= 99.99%	No Penalty	g) Penalties for SLA uptime shall be as under; <table><tr><td>S. No.</td><td>Uptime Range</td><td>Penalty</td></tr><tr><td>1.</td><td>>= 99.99%</td><td>No Penalty</td></tr></table>	S. No.	Uptime Range	Penalty	1.	>= 99.99%	No Penalty
S. No.	Uptime Range	Penalty													
1.	>= 99.99%	No Penalty													
S. No.	Uptime Range	Penalty													
1.	>= 99.99%	No Penalty													

Sr. No.	RFP Page/ Point	Existing Clause			Revised Clause											
		2.	<99.99% And > 99.9%	1% of cost of Quarterly maintenance charges	2.	<99.99% And > 99.9%	1% of cost of Quarterly maintenance charges									
		3.	< =99.9%	Additional 2% of cost of Quarterly maintenance charges for every 0.5 performance degrade.	3.	< =99.9%	Additional 2% of cost of Quarterly maintenance charges for every 0.5% or part thereof performance degrade.									
					<p>The uptime will be calculated on monthly basis. The penalty shall be recovered from project cost/AMC cost/BG as per discretion of the Bank, subject to a maximum 10% of total project cost.</p> <p>If the uptime falls is below 99.9% or if the total penalty amount recovered reaches to 10% of the project cost, the Bank shall have full right to terminate the contract with the service provider. The right of termination shall be in addition to the penalty as mentioned above.</p>											
46.	114/Annexure L	New Clause			<p>Penalty on Response and Resolution Time Metric</p> <p>Response Time Penalties</p> <table><tr><td>1.</td><td>> 5 Mins up to 2 hours</td><td>Rs.10000 per hour or part thereof</td></tr><tr><td>2.</td><td>> 2 hours up to 6 hours</td><td>Rs.20000 per hour or part thereof</td></tr><tr><td>3.</td><td>> 6 hours up to 12 Hours</td><td>Rs. 30000 per hour or part thereof</td></tr></table>			1.	> 5 Mins up to 2 hours	Rs.10000 per hour or part thereof	2.	> 2 hours up to 6 hours	Rs.20000 per hour or part thereof	3.	> 6 hours up to 12 Hours	Rs. 30000 per hour or part thereof
1.	> 5 Mins up to 2 hours	Rs.10000 per hour or part thereof														
2.	> 2 hours up to 6 hours	Rs.20000 per hour or part thereof														
3.	> 6 hours up to 12 Hours	Rs. 30000 per hour or part thereof														

Sr. No.	RFP Page/ Point	Existing Clause	Revised Clause		
			4	> 12 hours	Rs. 50000 per hour or part thereof
			Resolution Time Penalties		
			1.	> 6 Hours up to 8 hours	Rs.50,000 per hour or part thereof
			2.	> 8 hours up to 12 hours	Rs.1,00,000 per hour or part thereof
			3	> 12 hours	Rs. 2,00,000 per hour or part thereof
			The penalty shall be calculated separately for all the metrics. If the overall penalty amount recovered reaches to 10% of the project cost, the Bank shall have full right to terminate the contract with the service provider. The right of termination shall be in addition to the penalty as mentioned above.		

The Revised Annexure “F” is as below:

Annexure-F

Indicative Commercial Bid

The indicative commercial Bid needs to contain the information listed hereunder in a sealed envelope bearing the identification – **“Indicative Commercial Bid for Supply, Installation, Configuration, Integration, Maintenance and Monitoring of WAF & RASP Solutions in response to the RFP No. SBI/GITC/Platform Engineering-II/2018/2019/523 Dated: 15/10/2018”.**

Name of the Bidder:

Location (A) DC1

Sr. No.	Item	Quantity	Rate per item	Amount in Rs.	Proportion to Total Cost of A (in %age) #
A	Cost of WAF Appliance (including license).				
	Cost of RASP license.				
	Cost of Logger Solution and associated hardware, if any				
	Middleware and Database Components, if any				
	Cost of 5 years subscription on associated Software licenses, if any				
1	Sub-Total				
2.	Installation/ Commissioning/ Deployment				
3.	Comprehensive warranty for software and hardware mentioned in items above for 1 year from the go live date, including annual renewal cost, if any				
4.	Comprehensive annual maintenance for software and hardware mentioned above for 4 years, including annual renewal cost, if any, after the end of comprehensive warranty.* (This cost should be in the range of 8% to 12 % p.a. of the product cost for hardware and 15% to 25% p.a. of license cost of software).				
Sub-Total ‘A’					

Location (B) DC2

Sr. No.	Item	Quantity	Rate per item	Amount in Rs.	Proportion to Total Cost of A (in %age) #
B	Cost of WAF Appliance (including license).				
	Cost of RASP license.				
	Cost of Logger Solution and associated hardware, if any				
	Middleware and Database Components, if any				
	Cost of 5 years subscription on associated Software licenses, if any				
1	Sub-Total				
2.	Installation/ Commissioning/ Deployment				
3.	Comprehensive warranty for software and hardware mentioned in items above for 1 year from the go live date, including annual renewal cost, if any				
4.	Comprehensive annual maintenance for software and hardware mentioned above for 4 years, including annual renewal cost, if any, after the end of comprehensive warranty.* (This cost should be in the range of 8% to 12 % p.a. of the product cost for hardware and 15% to 25% p.a. of license cost of software).				
Sub-Total 'B'					

Location (C) DC3

Sr. No.	Item	Quantity	Rate per item	Amount in Rs.	Proportion to Total Cost of A (in %age) #
C	Cost of WAF Appliance (including license).				
	Cost of RASP license.				
	Cost of Logger Solution and associated hardware, if any				
	Middleware and Database Components, if any				
	Cost of 5 years subscription on associated Software licenses, if any				
1	Sub-Total				
2.	Installation/ Commissioning/ Deployment				
3.	Comprehensive warranty for software and hardware mentioned in items above for 1 year from the go live date, including annual renewal cost, if any				
4.	Comprehensive annual maintenance for software and hardware mentioned above for 4 years, including annual renewal cost, if any, after the end of comprehensive warranty.* (This cost should be in the range of 8% to 12 % p.a. of the product cost for hardware and 15% to 25% p.a. of license cost of software).				
Sub-Total 'C'					

Location (D) DC4

Sr. No.	Item	Quantity	Rate per item	Amount in Rs.	Proportion to Total Cost of A (in %age) #
D	Cost of WAF Appliance (including license).				
	Cost of RASP license.				
	Cost of Logger Solution and associated hardware, if any				
	Middleware and Database Components, if any				
	Cost of 5 years subscription on associated Software licenses, if any				
1	Sub-Total				
2.	Installation/ Commissioning/ Deployment				
3.	Comprehensive warranty for software and hardware mentioned in items above for 1 year from the go live date, including annual renewal cost, if any				
4.	Comprehensive annual maintenance for software and hardware mentioned above for 4 years, including annual renewal cost, if any, after the end of comprehensive warranty.* (This cost should be in the range of 8% to 12 % p.a. of the product cost for hardware and 15% to 25% p.a. of license cost of software).				
Sub-Total 'D'					

Location (E) DC5

Sr. No.	Item	Quantity	Rate per item	Amount in Rs.	Proportion to Total Cost of A (in %age) #
E	Cost of WAF Appliance (including license).				
	Cost of RASP license.				
	Cost of Logger Solution and associated hardware, if any				
	Middleware and Database Components, if any				
	Cost of 5 years subscription on associated Software licenses, if any				
1	Sub-Total				
2.	Installation/ Commissioning/ Deployment				
3.	Comprehensive warranty for software and hardware mentioned in items above for 1 year from the go live date, including annual renewal cost, if any				
4.	Comprehensive annual maintenance for software and hardware mentioned above for 4 years, including annual renewal cost, if any, after the end of comprehensive warranty.* (This cost should be in the range of 8% to 12 % p.a. of the product cost for hardware and 15% to 25% p.a. of license cost of software).				
Sub-Total 'E'					

F. Training and Certification

Sr. No.	Item	Quote (INR)	Proportion to Total Cost (in %age) #
1.	Training and Certification (from OEM) for as per Training Requirements mentioned in Scope of Work (Annexure E)		
Sub-Total 'F'			

G. Support ***

Sr. No.	Item	Quote (INR)	Proportion to Total Cost (in %age) #
1.	Resource type 1 & Number of resources		
2.	Resource type 2 & Number of resources		
3.	Resource type 3 & Number of resources		
4.	Resource type 4 & Number of resources		
Sub-Total 'G'			

***** Resource Cost should also include 5 years onsite 24X7X365 (366) Days monitoring support**

The illustration of Resource Type is as follows:

Resource Type	Role	Work Experience	Skill Set
Resource Type 1	Junior WAF Administrator	Minimum 2 Years	WAF Monitoring, Management and Technical Support
Resource Type 2	Senior WAF Administrator	Minimum 5 Years	WAF Administration, Configuration, Integration, Management of updates & upgrades, Application on boarding configuration, patching etc.
Resource Type 3	RASP Administrator	Minimum 1 Years	RASP Application Monitoring, Administration, Configuration Application upgrade & patching, integration, etc.

Summary of Indicative Quote: (All 5 Data Centres setup)

Particulars	Quote (INR)	Proportion to Total Cost of E (in %age) #
(a) DC1 (Sub-Total 'A' above)		
(b) DC2 (Sub-Total 'B' above)		
(c) DC3 (Sub-Total 'C' above)		
(d) DC4 (Sub-Total 'D' above)		
(e) DC5 (Sub-Total 'E' above)		
(f) Training (Sub-Total 'F' above)		
(g) Support (Sub-Total 'G' above)		
(H) Grand Total (A+B+C+D+E+F+G)**		

The 'Proportion to Total Cost' percentage mentioned here will have to be maintained in the final price quote also by the L1 Bidder. The percentage should be mentioned in two decimal places. Variation in the final price should not exceed +/- 5%. See illustration at the end.

Important: The price breakup of all the hardware/software components must be provided (even if the price is zero). The Bid may be rejected if the price breakup is not provided.

* The amount quoted here should be for 5 years.

** This will be the Total Cost of Ownership (TCO) and should be quoted in the reverse auction.

Breakup of Taxes and Duties

Sr. No.	Item	Tax 1	Tax 2	Tax 3
		Mention Name of Tax		
1.	Software			
2.	Hardware			
3.	Installation/ Commissioning			
4.	Training			
5.	Support & monitoring Services			
6.	Comprehensive warranty for software and hardware for ONE years from the go live date			
7.	Comprehensive annual maintenance for software and hardware for FOUR years after the end of comprehensive warranty.			
Grand Total				

Signature

Seal of Company

Illustration

Particulars	Indicative Price Bid Quote (INR)	Proportion to Total Cost (in %age)	L1 Price (INR)	Minimum final price should not be below (INR)*	Maximum final price should not exceed (INR)**
<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>
(a) Item A	25	13.16		9.38	10.36
(b) Item B	50	26.32		18.75	20.72
(c) Item C	75	39.47		28.13	31.09
(d) Item D	40	21.05		15.00	16.58
(e) Grand Total (a + b + c + d)	190	100	75		

*Computed as 'C' percentage of 'D' less 5%.

**Computed as 'C' percentage of 'D' plus 5%.