

1(17)/2009-TPS
Government of India
Department of Information Technology
National Informatics Centre
A-Block CGO Complex, Lodhi Road, New Delhi – 110 003

Dated: 17/07/2009

E.O.I. No. NIC/TPS/2009/20

Expression of Interest (EOI) for providing Web Application Firewall Solutions

National Informatics Centre (NIC) is providing network backbone and e-Governance support to Central Government, State Governments, UT Administrations, Districts and other Government bodies. It offers a wide range of ICT services including Nationwide Communication Network for decentralized planning, improvement in Government services and wider transparency of national and local Governments.

With more and more business processes and citizen services operating over the net, demand for protection of data has risen with efficient backup and recovery solutions. Thus there was a need to set up a strategic infrastructure that facilitates high availability, quick scalability, efficient management & optimized utilization of resources. To fulfill the need, NIC has set up Internet Data Centers at NIC Hq, New Delhi and 30 subsidiary data centers at various state capitals to cater to the services to Government entities.

With increased focus on e-governance by the government, focusing on providing citizen services and disseminating information through web-enabled applications, it is necessary to protect and secure such applications and mitigating possible malicious attack attempts on these.

One such solution is to protect the deployed web applications with web application firewalls. NIC is desirous of identifying state-of-art solutions for web application firewalls both at the gateway level and for the host servers. The scope of work & eligibility criteria for the same is given at **Annexure-A**.

For any clarifications on technical or other issues, a **pre-bid meeting** with prospective agencies providing EOI, shall be held at **11.00 hrs on 28/07/2009**.

Interested Parties may submit their “Expression of Interest”(EOI) in sealed covers in prescribed format, on or before 11/08/2009 upto 12:30 hrs, which would be opened on the same day i.e., 11/08/2009 at 15.00 hrs at NIC Hqrs, New Delhi in the presence of the authorized representatives of the vendors. Responses should be submitted to:

**Section Officer (Tender Process Section),
National Informatics Centre,
4th Floor, A-Block, CGO Complex,
Lodhi Road, New Delhi-110003**

Note:

- 1) The Expression of Interest (EoI) must be accompanied with **an Earnest Money Deposit (EMD) of amount Rs. 2,00,000/- (Rupees Two Lakhs only)**. Without EMD, EoI bid shall be rejected. The EMD shall be furnished in the form of a Demand Draft or Banker's Cheque drawn on/issued by any Nationalized/Scheduled Indian Bank in **favour of “National Informatics Centre”** payable at New Delhi.
- 2) The Expression of Interest must be accompanied with duly filled Information Sheets and sufficient documentary evidence. Expression of Interest with incomplete Information Sheets or insufficient documentary evidence shall be rejected.
- 3) NIC reserves the right to modify, expand, restrict, scrap, refloat the Expression of Interest without assigning any reason.
- 4) Formal Tenders (Technical and Financial bids) will be invited later from amongst the short listed respondents of this “Expression of Interest” for selection of final agency/agencies.
- 5) Empanelled agency may also be used for projects of NICSI, a section 25 company of NIC.
- 6) Refund of EMD:-
 - i. In the case of those Bidders who are not shortlisted, the Earnest Money Deposit (EMD) will be refunded without any interest accrued within one month of the acceptance of TEC's (Technical Evaluation Committee) recommendations.
 - ii. In the case of Bidders whose tender bids have qualified for calling limited tender, their EMD will be refunded without any interest accrued after calling limited tender amongst the shortlisted vendors.

Details of the response form to be filled up by the potential vendors is available free of cost at our website <http://tenders.gov.in>.

(Anju Syal)
Section Officer (TPS)
Ph: 2430 5454, 2430 5455
Email: tenders.section@nic.in

Annexure-A

Web Application Firewall solutions

SCOPE OF WORK

The expression of interest is hereby invited from the interested agencies that can provide NIC the following:

1. Solutions for Web Application Firewalls as
 - 1.1. Gateway Web Application Firewalls
 - 1.2. Host based Web Application Firewalls
2. The solution shall have the following broad features :
 - 2.1. **Gateway Web Application Firewalls :**
 - 2.1.1. The solution shall be appliance based
 - 2.1.2. The solution shall be capable of inspecting, analyzing Application Layer traffic as well as blocking malicious intrusions at the application layer
 - 2.1.3. The solution shall provide capability to configure application wise policies to monitor specific web application elements such as application session logic, form fields etc
 - 2.1.4. The solution should adopt to both positive and negative security model
 - 2.1.5. The solution shall provide central policy management for multiple web application firewalls from a single web interface
 - 2.1.6. The solution shall provide high availability with no single point of failure
 - 2.1.7. The solution shall provide both web application firewall logs and syslog-based logs events
 - 2.1.8. The solution shall have in-built audit trails
 - 2.2. **Host based Web Application Firewalls :**
 - 2.2.1 The solution shall be capable of inspecting, analyzing Application Layer traffic as well as blocking malicious intrusions at the application layer.
 - 2.2.2 The solution should be capable of enforcing application wise policies
 - 2.2.3 The solution shall provide capability to configure application wise policies to monitor specific web application elements such as application session logic, form fields etc
 - 2.2.4 The solution should adopt to both positive and negative security model
 - 2.2.5 The solution shall provide central policy management for multiple web application firewalls from a single web interface

- 2.2.6 The solution shall be stable and ensure unimpaired services as well as shall be capable of automatic restoration in case of failure/crash
 - 2.2.7 The solution shall provide both web application firewall logs and syslog-based logs events
 - 2.2.8 The solution shall have in-built audit trails
- 3. Provision of on-site comprehensive warranty maintenance and support of all solutions/appliances and their components supplied, for a period of five years. This includes provision of immediate upgrades.
 - 4. Provision of one qualified physical support personnel on-site (at NIC HQ) for Web application firewall solutions' operations for a period of one year.

Note :

- 1. The above scope of work is indicative and may not be exhaustive in any manner. The bidder shall be assumed to have accounted for best practices in the Web Application Firewall solutions provision and deployment.

ELIGIBILITY CRITERIA

Expression of Interest (EOI) are invited from prospective Agencies complying with the following criteria:

1. The agency must be Original Equipment Manufacturer (OEM) or “authorized distributor cum authorized service provider” for the Web Application Firewall solutions being quoted. Documentary proof to be enclosed.
2. The agency should have been in operation for a period of at least 3 years as on 31.05.2009, as evidenced by the “Certificate of Incorporation and Certificate of Commencement”, issued by any Registrar of Companies in India. (or equivalent).
3. The agency (or its OEM) should have at least three years experience in above areas of work with core competence in providing web application firewall solutions and should have deployed and supported web application firewall solutions for reputed organization(s)/Government sector. Documentary proof to be enclosed.
4. The agency’s annual turnover in this area should be at least **Rs. 5 crores (Rupees five crores) in each of the last three financial years.** Attach documentary evidence (audited balance sheet) for confirmation regarding turnover. The turnover refers to a company and not the composite turnover of its subsidiaries/sister concerns etc. for 2006-07, 2007-08, 2008-09.
5. The agency (or its OEM) should have completed at least 10 (ten) web application firewall deployments in the past. It must have executed minimum one Purchase Order worth Rs. 1 crore or more for providing Web Application Firewall solutions during any of the last two financial years (2007-08 & 2008-09). The agency must submit Purchase order along with one of the following documentary proof:
 - (a) Corresponding “Project Completion certificate”
 - (b) Corresponding “Acceptance Testing Certificate”
6. The agency must have at least 20 (Twenty) security professionals on its rolls as on date who are capable of handling this scope of work.
7. The agency should be capable of providing support through sufficiently qualified personnel, at NIC’s HQ at Delhi, the DR centre at Hyderabad, other state centre offices of NIC, as well as the regional data centre at Pune. Documentary proof to be enclosed in the following format :

S.No.	Location	Office Address	No. of Qualified Personnel

8. The agency should be registered with Service Tax department of the Govt. (Should submit its valid documentary proof of sales Tax/VAT number, Service Tax registration number and details of income tax registration/ PAN number).
9. The agency shall be the single point of contact for NIC and shall be solely responsible for all warranties and upgrades etc. An undertaking to this effect must be submitted by the agency.

NIC reserves the right to verify/confirm all original documentary evidence submitted by agency in support of above mentioned clauses of eligibility criteria. If EOI were not accompanied by all the above documents mentioned, the same would be rejected. Undertaking for subsequent submission of any of the above document will not be entertained.

Note:

1. Compliance with the eligibility criteria should be indicated item-wise in a separate sheet with the page number of the supporting document (in the following format).

S. No.	Eligibility criteria	Compliance (Yes/No)	Insert Value or check the box	Reference of Enclosed Proof
1.				
2.				

Information Sheet to be filled by Agencies

The details filled in these form must be accompanied by sufficient documentary evidence, in order to verify the authenticity and correctness of the information.

Part-I

1.	Name of Agency	
2.	Address	
3.	Phone & Fax#	
4.	Email address, if any	
5.	Web site address, if any	
6.	Name of registration authority	
	Registration Number & Year of registration	
	Product/Service for which registered	
7.	Central Service Tax	
8.	VAT/Service Tax No.	
9.	PAN No.	
10.	Annual Turn-over during financial years 2006-07,2007-08,2008-09.	
11.	Income tax paid during financial years 2006-07,2007-08,2008-09.	
12.	Details of ownership of the Firm (Name & address of board of directors, partners, etc.)	
13.	Name of authorized signatory, who is authorized to quote in tender and enter into rate contract (Power of attorney to be submitted)	
14.	Name of the bankers along with branch (as appearing in MICR Cheque) & Account #	

Date: _____

Place: _____

Signature of the Authorized Signatory

Part –II

Please provide details of 3 major Web Application Firewall solution deployments (at least one in INDIA) executed – one each during 2006-07, 2007-08 and 2008-2009.

1.	Complete address of the organization with Contact person name & phone number	
2.	Size of the organization network (# of nodes)	
3.	Total cost of the project	
4.	Year of project establishment	
5.	Whether deployment, maintenance and support of the Web Application firewall solution done by you? (Yes/No), Give details	

Note:

1. Use Separate Sheet for each web application firewall deployment done.
2. Enclose documentary proof & necessary details like work orders etc. for each projects.

Date : _____

Place : _____

Signature of the Authorized Signatory