



SARDAR VALLABHBHAI PATEL NATIONAL POLICE ACADEMY
(Government of India : Ministry of Home Affairs)
Hyderabad - 500 052

OPEN TENDER NO : SVPNPA-HKS0HK3(H022)/16/2018

**TENDER FOR VULNERABILITY ANALYSIS AND SECURITY AUDIT OF
WEB APPLICATIONS FOR SARDAR VALLABHBHAI PATEL, NATIONAL
POLICE ACADEMY, HYDERABAD**

Date of Tender Enquiry : 12/07/2018

Closing date & time of submitting bids : 02/08/2018 at 1200 Hrs.



Website: <http://www.eprocure.gov.in>

SARDAR VALLABHBHAI PATEL NATIONAL POLICE ACADEMY
(Government of India : Ministry of Home Affairs)
Hyderabad – 500 052

OPEN TENDER
(e-Tender)

1. SVP National Police Academy, Shivrampally, Hyderabad, invites **e-bids** under two-bid system from reputed firms for **Vulnerability Analysis and Security Audit of Web Applications** for the Academy as per the technical specifications given in **Annexure-1**.

2. Salient features of the tender enquiry are as follows:-

a)	Tender No.	SVPNPA-HKS0HK3(H022)/16/2018
b)	Description of stores	Vulnerability Analysis and Security Audit of Web Applications for the Academy
c)	Type of Tender	Open Tender
d)	Bid System	Two Bid System (Two cover Technical Bid & Financial Bid)
e)	Earnest Money Deposit	Demand draft for Rs 25,000/- (Rupees Twenty Five Thousand) drawn from any of the Commercial Banks in favour of the 'The Director, S.V.P National Police Academy, Hyderabad.
f)	Delivery schedule / completion period	Service should be completed within 90 days from the date of receipt of work order from the Academy.
g)	Bid validity	Bid should be valid for 180 days from the date of opening of bid.
h)	Address of correspondence	The Administrative Officer (Admn) SVP National Police Academy, Shivarampally, Hyderabad, Telangana – 500052

3. Interested manufacturers/ authorised dealers/ stockists/ suppliers dealing with above items can download the tender document from CPP Portal (www.eprocure.gov.in) and bid can only be submitted through the same website. Bid submitted other than CPP Portal will not be accepted. Important dates related to this tender are furnished below for information.

S.No	Particulars	Date	Time
1.	Date of online publication of tender	12/07/2018	1400
2.	Starting date for downloading Tender document	12/07/2018	1500
3.	Bid submission starting date	12/07/2018	1700
4.	Bid submission closing date	02/08/2018	1200
5.	Closing date & time for submission of original copies of EMD	02/08/2018	1700
6.	Opening of technical bids.	03/08/2018	1200

4. The Eligible bidders should have the valid digital signature certificate (DSC) issued from any agency authorised by Controller of Certifying Authority (CCA), Govt. of India.

5. **Terms and Conditions.** In this NIT, Contract Operating Officer means The Director, Sardar Vallabhbhai Patel National Police Academy or any other officer authorised on his/her behalf :-

(a) The bids are invited online under two cover system (Technical bid – Cover-1) and price bid/bid of quantity (BOQ) (Cover-2) from eligible bidders.

(b) Tender shall be submitted online only at CPPP website. Bidders are advised to refer the Bidders manual kit for e-submission of the bids online through the Central Public procurement portal available at the website: <http://www.eprocure.gov.in>. Aspiring Bidders/ Suppliers who have not enrolled/ registered in e-procurement should enrol/register before participating through the website <http://www.eprocure.gov.in>. The portal enrolment is free of cost.

(c) The contract when awarded will remain operative upto 31 March 2019 or successful execution of work whichever is earlier. In the interest of state economy or administrative necessity, The Director may extend the operation of contract beyond 31 March 2019.

(d) Tax imposed by State Government from time to time on contracted services, if any will be deducted from the contractor's bill and deposited to State Government under appropriate budget head/revenue head.

(e) **Total amount of service as per specification will be considered for deducting the L1 tender.**

(f) Conditional tenders/bid will not be accepted. Bidder should clearly indicate additional charges involved in operation of contract, if any. Offers with stipulation like "if applicable" will be treated as vague and shall be ignored.

(g) The department may ask for production of original document submitted by the bidder for verification to confirm the correctness. If any document submitted by firm/bidder is found to be fake/not legitimate at any stage of tender, the penal action as per provision of contract will be initiated.

6. Bidders can access and download the tender documents from CPP Portal and can fill them with all relevant information and submit the completed tender documents online on the website: <http://www.eprocure.gov.in>. The downloading of tender documents shall be carried out strictly as provided on the website. No editing, addition, deletion of matter shall be permitted. If such action is observed at any stage, such tenders are liable for outright rejection.

7. All the documents as per tender requirement should be uploaded online and further, no documents will be accepted offline. However, Demand Draft (EMD- Earnest money deposit) hard copy should be sent to SVP National Police Academy before the due date of opening. Bidders who are not submitting any of the required documents online will summarily be rejected.

8. The details of the Tender documents and EMD should be filled and uploaded online. Earnest Money Deposit (EMD) for **Rs 25,000/- (Rupees Twenty Five Thousand)** only should be deposited in form of Demand draft drawn on any nationalized bank in favour of 'The Director, S.V.P. National Police Academy, payable at SBI, Shivarampally, Hyderabad. **Bids without EMD will not be considered.** Tender

Reference Number of details should be mentioned on the backside of the original Demand Draft and the same should be sent to SVP National Police Academy, Hyderabad before due date of opening of the tender.

9. The TIA (Tender inviting authority) will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders at the eleventh hour. For any queries regarding e-tendering process, the bidders are requested to contact over phone : 040-4200462, 08826246593, 040-24234426 or send a mail over to cphp-nic@nic.in.

10. The bidder should have their own full-fledged service centre with all necessary tools kits and well qualified engineers and any service call should be responded without failure during warranty period.

11. Following scanned documents in PDF/Excel file format must be uploaded in respective covers duly signed and stamped.

Documents to Accompany First Cover (In PDF)

(a) No bid will be considered unless and until all the pages / documents comprising the bid are properly numbered, signed and stamped by the person/s authorized to do so.

(b) The firm must upload scanned and attested copy of following documents:-

(i) **All documents mentioned in Para 1.1 of Annexure 1 (Technical Specification) viz** CERT-In Empanelment Certificate, Past Experience, Quality Certification ISO 9001, Proof of certification of professionals personnel alongwith their Police Verification Certificate, Self Certification for firm not blacklisted, Copy of Scanner licences, etc.

(ii) Firm Registration Certificate as per Companies Act of India.

(iii) GST Registration alongwith latest submitted return.

(iv) PAN Card of the firm.

(v) Income Tax Returns and details of last year turnover.

(vi) Filled in Commercial Information of firm in .xls format (Available in website alongwith NIT) to include Banker's and firms details.

(vii) LOB (Letter of bid).

(viii) **Technical compliance statement** alongwith any deviation of specification should be submitted in clear statement form. Bidders with no compliance statement will be summarily rejected.

(ix) Scanned copy of EMD. **Offers received without the prescribed EMD, will be rejected summarily.**

Second Cover :-

(c) **The Financial bid (In excel file like BoQ)** :- The rates i.e, the total cost of **Vulnerability Analysis and Security Audit of Web Applications should be inclusive of all taxes, labour charges and installation charges, if any, are to**

be quoted explicitly both in words and figures. No excess amount beyond the quoted amount will be considered at any stage of tender.

(d) The price once accepted by the purchaser shall remain fixed for the currency of contract and valid till the successful execution of the complete service to the satisfaction of the purchaser.

(f) The offered amount of service as per given specification **shall be inclusive of all the Taxes (including GST), handling, installation charges, etc.**

(g) The price shall be quoted in Indian rupees only.

12. The Bid / Tender submitted shall necessarily remain valid for 180 days after the date of financial bid opening. If any bidder withdraws his tender before the said period, SVP NPA shall-without prejudice to any other right or remedy, be at liberty to forfeit the Bid Security submitted along with the bid.

13. No interest will be paid on Earnest Money Deposit. EMD of unsuccessful tenderers will be returned in due course of time. If the bid is accepted and the contracted firm fails to undertake the supply contract, their EMD will be forfeited without any further notice.

14. Liability of the purchase order getting cancelled, if the quality/progress of the service is found to be not satisfactory or if there is an inordinate delay of more than 4 weeks of issuing purchase order. The bidder will be accordingly blacklisted by the Academy.

15. The successful tenderer has to enter into an agreement with the Academy for smooth supply during the currency of contract.

16. Delivery/providing service is to be completed within 90 days from the date of work order failing which a penalty **of 0.5% per day will be levied** subject to maximum 5% of the contracted value unless extension is obtained in writing from the office on valid ground. Further in case of inordinate delay of 120 days from the date of Work Order, this work order stands cancelled and penal action as per provision of contract will be initiated without any further notice.

17. The date of placing the order shall be the date of dispatch of order or the delivery thereof to the tenderer, when such order is being delivered through some other person.

18. If the tenderer fails to provide service within stipulated period then the work order will stand cancelled and the security deposit shall be forfeited. In addition, the tenderer may be blacklisted as per provision of contract.

19. After the expiry of the stipulated delivery period, which includes extension period, if any, no service shall be accepted by SVP NPA. If the tenderer applies for the extension period to carryout service, the extension can be granted on valid grounds only once and up to maximum of 30 days.

20. Notwithstanding any of the conditions and clauses indicated in the Tender form, the Director has whole and sole right to accept or reject either the lowest or any other

valid bid and or **split up the order** for the service to more than one bidder or to cancel the Tender without assigning any reasons thereto.

21. **Penal Action for Non-Compliance of Terms and Condition of the Contract.**

(a) EMD of a tenderer is liable to be forfeited if he withdraws his bid (any time after deposition of tender or before accepting the contract.

(b) EMD of a tenderer may also be forfeited if the tenderer derogates any terms/conditions of the tenders, raises conditions with malafide intention to delay/scuttle tender procedure or quotes fictitious/unrealistic rates/costs.

(c) If a contractor wilfully neglects or fails to perform or observe any condition of the contract or attempts to cheat or indulge in fair practices with the motive of making undue gain, the Director may impose a ban on future contracts by the SVP National Police Academy with that contractor.

(d) In case a contractor fails to comply with the purchase order issued by the Academy or to perform his part of the contract to the entire satisfaction of the Academy or fails to abide by the terms of the contract, the contractor shall be liable to all following actions or any of the following actions, as may decided by the Director to this Academy :-

(i) Forfeiture of Performance Security in whole or in part.

(ii) To make good the loss caused to the Government.

(iii) Cancellation of the contract without any prior notice to the contractor.

(iv) Debarment from entering into contract with the Academy for period specified by the competent authority.

(e) In event of contractors performance security deposit being reduced by means of forfeiture, the contractor within 15 days from the date of intimation of the reduction shall restore the performance security to the original value, failing which, the Contract Operating Officer will recover the amount involved from any amount due to the contractor by the government or from any other assets of the contractor held with the Academy.

(f) All losses sustained by the government due to failure, omission or neglect of the contractor may be realised from the performance security or any other amount , which may be due to be paid to contractor from the Academy.

(g) In case of rejection of any services by the Academy or in case of neglect, failure or delay on the part of the contractor to comply with the supply order issued by the Academy, the Academy may without prejudice to any other action which the department may take under the terms of the contract, will be at liberty to purchase the service from any other source. Any expenditure incurred in excess of the contracted value shall be borne by the contractor or recovered from his security deposit and/or from any amount which may be due to be paid to the contractor by the Academy.

(h) The bidder will be blacklisted by the Academy in case of breach/non-compliance of terms and condition of contract.

(i) The Director SVP NPA reserves the right to cancel the order without pre notice, forfeit the security deposit or recover any damages for any breach of contract.

22. **Performance Security Clause** :- The successful bidder on receipt of supply order should submit a Bank Guarantee (5% of the order value) issued by any Nationalized Bank in favour of the Director, SVP National Police Academy, Hyderabad payable at SBI Shivrampally, Hyderabad within 15 days of the placement of supply order for due performance as per the provisions contained in GFR-171. Failure on the part of the firm to deposit the performance security within stipulated time the purchase reserves the right to cancel the supply order. Performance security submitted by the bidder will remain valid for a period of sixty days beyond the date of completion of all contractual obligations of the supplier. No interest will be payable for "Performance Security".

23. **Right to Cancel the Order.** The Director, SVP National Police Academy reserves the right to cancel the work order without any financial repercussion on either side and without seeking the consent of the supplier at any stage of purchase process. No further correspondence in this matter will be entertained.

24. **Demonstration of Offered Project.** The bidder should provide demonstration of service offered, in case the TPC so desires. Failure to offer demonstration shall entail rejection of bid forthwith.

25. **Arbitration Proceedings.** Any dispute arising out of the contract at any time between the parties hereto touching or arising out of this contract shall be referred to an arbitrator to be nominated by the Director, SVP National Police Academy and the decision and award of such arbitrator shall be final and binding upon the parties hereto and the provision of the Indian Arbitration Act 1996 shall apply to the Arbitration proceedings.

26. **High Court for Settlement of Dispute.** If the dispute between the parties not settled by the Arbitrator, it should be subject to the jurisdiction of the High Court of Judicature at Hyderabad.

27. **Death of Contractor (Sole Proprietor).** In case of death of a contractor or sole proprietor of a firm, his/her legal heir (s) may be permitted to operate the contract already approved in favour of the deceased and are operational or operating the current contract approved in favour of the deceased :-

(a) Death Certificate of the deceased contractor.

(b) Willingness certificate on an affidavit that the legal heir (s) and accredited agent (s) is/are willing to continue the operation of existing contract (s) at the existing terms and condition of the contract.

(c) Legal Heir Certificate/Succession Certificate from the Court of Law.

28. **Payment of Bills.**

- (a) The contractor should submit bill in triplicate to the Academy immediately after completion of service for payment.
- (b) Bills submitted by the contractor will have GSTIN printed on it. Any bill received without GSTIN printed on it will be liable to be rejected.
- (c) Payment of bill will be generally cleared within 45 days of receipt of bill/s. All payment would be made through e-payment. Hence, organisation details in specified format must be submitted along with the bills.

29. **Opening and Evaluation of Technical Bids.**

- (a) The Tender Committee appointed by the Competent Authority of Academy will open all Technical Bids in the first instance on the appointed date and time at SVP NPA Hyderabad.
- (b) During evaluation of the bids, the purchase committee may, at its discretion, ask the Bidder for clarifications of its bid. The clarification of the bidder shall be in writing.
- (c) No bidder shall contact the committee member on any matter relating to its bid from the time of the bid opening to the time the purchase order is placed. If the Bidder wishes to bring additional information to the notice of the Purchaser it should be done in writing.
- (d) Any effort by a bidder to influence the Purchaser in its decisions on bid evaluation, bid comparison or purchase order decision will result in rejection of the bid.
- (e) The results of the evaluation of the Technical Bids along with the date of opening of the Financial Bids will be uploaded in the portal. The purchase committee may at its option to choose to open the financial bids immediately after the opening and evaluation of the Technical Bids.

30. **Opening and evaluation of Financial Bids.**

- (a) The Tender Processing Committee will open the financial bids in favour of vendors who successfully qualified technical bid.
- (b) Arithmetical errors will be rectified on the following basis:- If there is a discrepancy between words and figures, the lower of the two shall be taken as the bid value. If the bidder does not accept the correction of errors, as aforesaid, its bid will be rejected, and its EMD will stand forfeited.

31. **Eligibility Conditions.**

- (a) The bidding firm should have the capability to provide the ordered service in time as and when work order placed and service should be started within 30 days from the date of receipt of work order.
- (b) Any Government organization/undertaking should not have blacklisted/debarred/suspended the bidding firm.

- (c) The Vendor should preferably be an entity registered in India.
- (d) The firm/agency/distributor/wholesaler with sound financial position are only eligible to submit the tender form.

32. **Taxes and Duties.** Firms shall be entirely responsible for all taxes, duties, license, fees etc. Incurred until delivery of contracted product/services to the Academy.

Yours truly,

(R. Jayanthi)
Administrative Officer (Admn.)
SVP NPA, Hyderabad

Copy to: Programmer with a request to please get the above requirement posted in NPA Website and provides a link

Gram: 'POLACADEMY' e-mail:administrator@svpnpa.gov.in Tel: 91-040-24015151 to 24015158 Fax: 91-040-24015179



Technical Specifications for Vulnerability Analysis and Security Audit of Web Applications for SVP National Police Academy

The SVP National Police Academy has a host of Web Applications, which have been hosted and maintained in the Academy. Most of the applications have been developed and hosted internally, however some of the applications are sourced from organization or open source builds, being used for public access over Internet. The Academy has NKN internet connectivity for public interface / access.

It has been decided that, the hosted web application should be audited for their security and vulnerability assessment and fixing. It is desired that the vendor should do the penetration testing and vulnerability assessment and generate a report for each application along with countermeasures to plug the vulnerabilities. After fixing the errors identified, a second testing should be done to generate a final report. The vendor finally should provide a final report along with a certificate.

1.1 Qualifying Criteria

SVP National Police Academy invites the interested & eligible Indian Information Security Auditing firms having following minimum qualifying criteria:

1. The bidder should be CERT-In empanelled agency as on the date of bid submission. Copy of the valid empanelment certificate shall be enclosed in the Technical bid. Bids without empanelment certificate shall not be considered.
2. The Bidding firm should have executed at least 10 Information Security Audit/Assessment and Penetration Testing Projects for any Government / PSU in the country in last 5 years. Out of which, the Bidder should have conducted IS Security Audit/assessment and penetration testing for at least one or two enterprises firms totalling to 4000+ Computing Devices (IPs) and Applications from these enterprises. The individual order value from such projects should be above Rs.5 Lakhs.
Bidder should be able to produce documentary evidence such as agreements; Brief detail of the projects handled should be added chronologically.
3. The bidder should have Quality Certifications ISO 9001 (valid copy of the certificate with certificate issue date and expiry date).
4. The Bidder must have on its rolls, on permanent employment basis, a minimum of Ten (10 nos.) Certified professionals. They must deploy at least two professionals who hold valid professional certifications like CISA/CHFI/CEH/ CISM/ CISSP/ ISO 27001 LA/ BS 7799LA/ ISO27001 LA. (Proof of Certification along with candidate's resumes should be attached).

5. Auditing company must deploy their full time employees only, where as outsourcing to external/outside consultants or subcontracting to other companies is not acceptable. Personnel deployed for this engagement must have a valid police verification certificate. An undertaking to this effect shall be submitted by the vendor in the bid.
6. The bidder shall not have been black listed or shall not have any poor performance & litigation with any State /Central Govt./PSU/Corporation or any other Autonomous Organization of Central/State Government as on bid calling date.
Self declaration certificate on the company letter head signed by the CEO/Authorized Signature.
7. Bidder should submit the Mandatory Self declaration certificate on the company letter head signed by the CEO on the following:
 - a. The firm or its any of the activities must not be the subject of legal proceedings for any of the reasons;
 - b. Compliance with the code of integrity should be declared
8. Bidder should use minimum of two each commercial license scanners to perform the audit for Network and Web applications . (valid copy of the scanners license with certificate with expiry date should be provided).

2. Scope of Work

2.1 Introduction

Further, as per the security policy , it is mandatory that the public access websites / web applications undergo security audit to obtain a "Safe to Host" certification. The web applications / websites need a Web application scanning solution that can scan for security loopholes in Web based applications to prevent would be hackers from gaining unauthorized access to Academy information and data. Web applications are proving to be the weakest link and are easy to hack. Therefore, intrusion detection and defense mechanisms are required to mitigate breach of security perimeters and gain unauthorized access to an organization's network.

For Security Assessment/Audit, an iterative testing procedure shall be followed, with a gap for fixing issues identified during each iteration. At the end of each iteration, a report detailing the vulnerabilities identified, if any, should be submitted. The Academy will plug the vulnerabilities after the first level check before providing the web application for the second iteration. The vendor should cover at least three iterations.

- a. Level 1 Security Audit / Assessment

Selected IT Security Audit Agency shall be responsible for the assessment of the security, vulnerabilities, threat and risks that exist in Web applications by running Internet Vulnerability Assessment and Penetration Testing Scripts with appropriate usage of testing tools.

b. Level 2: Re-Audit based on the recommendation report from Level 1

The vendor shall undertake vulnerability assessment exercise on the rectified and corrected Web applications submitted post Level 1. ISA shall also submit the detailed recommendation report for the vulnerabilities identified at Level 1 along with the summary/checklist of vulnerabilities identified with subsequent correction status.

c. Issuance of "Safe to Host Certificate"

Web applications Systems security audit are to be conducted in iterative cycles of testing and correction till identified as "Safe for hosting". Once done selected vendor shall be responsible for the issuance of "Safe to Host" certificate for the considered Web applications and submit the Final Audit Report.

The engaged Audit Agency shall be responsible to undertake the Security Audit as per Industry Standards and methods like and provide assurance as per the following Acts:

- Information Technology Act, 2000 as amended in 2008 and thereof (http://deity.gov.in/sites/upload_files/dit/files/downloads/itact2000/it_amendme nt_act2008.pdf, etc.)
- Guidelines for Indian Government websites (GIGW) – NIC & DARPG
- CERT-In guidelines for web security & security audit (<http://www.cert-in.org.in>)
- Applicable best practices and Industry Standards like Open Web Application Security Project (OWASP), SANS top 20, ISO27001/ ISO 27001(2), OSSTM etc. during the auditing process

2.3 Scope of Work

A. Detailed Scope of work for

I. Security Audit of Web Applications

The selected IT Security Audit Agency shall be responsible for the assessment of the vulnerabilities, threats and risks that exist in website through Internet Vulnerability Assessment, Penetration

Testing and Industry standard methodologies. This will include identifying remedial solutions and recommendations for implementation of the same to mitigate all identified risks, with the objective of enhancing the security of the website. The bidder will also be expected to propose a risk mitigation strategy as well as give specific recommendations to tackle the residual risks emerging out of identified vulnerabilities assessment.

Details of web application to be audited are provided below along with approx.. number of pages and roles.

Slno	Application name	Source/ description	Local / Public access	No.of Pages(static / Dynamic) / Roles
1	Intranet	Dotnet application	Local access	Static-15; Dynamic-5; Roles-2
2	Website	Joomla open source application	Public access	Static-40; Dynamic-15; Roles-3
3	Mail (Zimbra)	Zimbra open source	Public	Dynamic-3; Roles-2
4	Asset Management System	Java application	Local	Dynamic -12 Roles - 3
5	Library Information System	Koha open source	Local	Dynamic -10 Roles - 3
6	Hospital Management system	Dotnet application	Local	Dynamic -25 Roles - 5
7	Learning Management System	Moodle open source application	Public	Dynamic - 40 Roles - 5
8	eOffice	NIC application	Public	Dynamic -50 Roles - 5
9	Knowledge Management System	IBM Connection application	Public	Dynamic -30 Roles - 5
10	Suraksha plaza	Java application	Public	Dynamic -10 Roles - 2
11	Office automation system	Dotnet application	Local	Dynamic -55 Roles - 4
12	Gate management system	Java / Dotnet application	Local	Dynamic -25 Roles - 5
13	Biometric attendance system	Dotnet application	Local	Dynamic -10 Roles - 3
14	Elibrary	Open source application	Local	Dynamic -5 Roles - 2

Services to be Performed

IT Security Audit Agency should check for the below indicative list of potential threats and attacks which are vulnerable to the Websites/ Web application and shall submit a detailed recommendation report for the identified vulnerability.

S. No	Potential Threats
1.	Injection Flaws
2.	Cross-Site Scripting (XSS)
3.	Broken Authentication and Session Management
4.	Insecure Direct Object References
5.	Malicious File Execution
6.	Cross-Site Request Forgery (CSRF)
7.	Security Misconfiguration
8.	Insecure Cryptographic Storage and Weak Ciphers and Session Keys
9.	Information Leakage and Improper Error Handling
10.	Failure to Restrict URL Access
11.	Information tampering by forensic evidence
12.	Insufficient Transport Layer Protection
13.	Un-validated Redirects and Forwards

Additional Testing for the following exploitable vulnerabilities:

- Canonicalization (standardization or normalization)
- Insecure Communications (clear text protocols like telnet, ftp for sensitive data)
- URL Access, Regular Expression Checks, Tainted Parameters, Header Integrity
- Path Manipulation, Thread Safety, Hidden Form Field Manipulation
- Fail Open Authentication, Weak Session Cookies, Miss configurations and Weak Passwords

The above list is only indicative; hence selected IT Security Audit Agency shall also be responsible to carry out the assessment for any other attack which is vulnerable to the website/web application.

a. Deliverables

1. The work should be carried in the Academy only.

2. Web Application Security Report with a summary of High, Medium and Low vulnerabilities should be provided within one month from the start date in the Academy.
 - i. Application Security Assessment Approach.
 - ii. Snapshot of Current Application Information Security
 - Summary of High Risk, Medium Risk and Low Risk Vulnerabilities specific to the enterprise.
 - iv. Penetration Testing Summary
 - Attack Types and Attack Methods Used
 - Common Hacker Techniques
 - v. Recommendation for optimization and enhancement to the existing application wherever applicable

2.4 Others

- i. Bidder should be ready to provide comprehensive Service Level Agreement (SLA) and Non Disclosure agreement within 10days of the issue of the work order. The bidder and/or their representatives shall be responsible for ensuring security and secrecy of the information coming to their knowledge during the discharge of their obligations.
- iv. Web application security audit should be conducted on a live Server in an "as is where is" basis. **Auditing on the live site if any conducted should be non-destructive and should not affect the system.**
- ii. Auditor must have valid general liability and errors and omissions insurance in case of disruption.
- iii. In the event of running the tests the applications/network should not be down. To this effect audit firm should have insurance for the work they perform
