



# Prime Bank Limited

*a bank with a difference*

Facility Management Division

Prime/HO/FMD/2016/PT/

May 10, 2016

Sub: Request for submission of price proposal of Penetration Testing for Prime Bank Ltd.

Dear Sir,

Please know that Prime Bank Limited intends to purchase Penetration Testing for Prime Bank Ltd. For this purpose, we are inviting you to submit financial offer along with technical specification in your letterhead pad using following format:

Lot- A: Penetration Testing.

Item Description	Nos.	Total Price in BDT (inclusive VAT & Tax)	Remarks
External Vulnerability Assessment and Penetration Testing	Four (4) IP addresses		
Internal Vulnerability Assessment and Penetration Testing	Six (6) IP addresses		

Terms & Conditions:

1. Delivery & Installation:

- A. As and when required up to price validity.
- B. The supplier will deliver & install the products to the Bank's selected location (anywhere in the country). No additional cost will be paid by the bank for transportation.
- C. In case of supply of inferior quality/defective goods; any change request by Prime Bank must be entertained.

2. Payment: Payment will be made within 30 (Thirty) days from receipt of bill from the Supplier. Payment will be made as per the following terms and conditions:

- A. Payment will be made after satisfactory installation of the equipment & subsequent certification of Information Security Division/ Concerned users.
- B. Bank will deduct VAT & AIT as per govt. rules.

3. Warranty: The bidder will cover system components, maintenance, support and updates of the software up to service period.

4. Support Level: The Supplier shall provide immediate response either by phone, e-mail, and fax or by person to any of the Purchaser's queries related to support and service.

5. Validity of the Rate: The quotation rate and other terms and conditions should cover a period of 06(Six) months from the date of submission of RFQ.

6. Compliance Plan: If Bangladesh Bank gives any modification for the service; the vendor should comply within time frame without any cost involvement. Bank shall not be liable to pay any fee for any changes within the scope of current set of requirements.

Scope of proposed service must fulfill penetration testing requirement of Bangladesh Bank's "ITC security guideline for the Banks and NBF 2015" and industry best practice."

7. Paper & Documents: The supplier should have submitted the following paper & documents:

- A. Valid Registration/ownership document, VAT & TIN certificate, up-to-date Trade License, and up-to-date Bank Solvency Certificate.
- B. Distributorship or Sole Distributorship certificate.
- C. Copies of work-order(s) and performance certificate(s) of execution of same work with different commercial Bank/MNC

8. Technical specification: Technical specification is attached in page-2 and onward. Bidder's response will be filled up by participant companies.



## Penetration Testing (PT)

A penetration test, on the other hand, is a localized, time-constrained and authorized attempt to breach the architecture of a system using attacker techniques. Penetration test exploits vulnerabilities in the network and try to replicate the kinds of access an intruder or worm could achieve. To understand the actual risk to the business posed by vulnerability, a penetration test is the best and only option.

A penetration test generally includes below activities:

- Exploits vulnerabilities to prove if they can be exploited.
- Determine the real impact of existing vulnerability by exploitation.
- Exploits trust relationship between network paths to demonstrate path of attack.
- Intelligently assesses the impact of individual vulnerability.
- Provide an in depth evolution of entire infrastructure by launching real world attacks and determine whether security investment are actually preventing and detecting attacks.

### A. Required Technical Specification of Penetration Testing Tool

S/N	Features	Detail
1	Analysis security vulnerabilities	<ul style="list-style-type: none"><li>• Endpoint systems</li><li>• Passwords and identities</li><li>• Mobile devices</li><li>• Wireless networks</li><li>• Web applications and services</li><li>• Network systems and devices</li></ul>
2	Investigate Multi Threat Surface	<ul style="list-style-type: none"><li>• Would be able to replicate multi stage attacks</li><li>• Surveillance camera vulnerability testing</li><li>• Web services testing for web and mobile applications</li></ul>
3	Commercial-Grade Exploits	Up to date Library of commercial grade exploits
4	Vulnerability Scan Validation	Should be capable to import and validate the exploitability of results from different network and web vulnerability scanners
5	Network Penetration	<ul style="list-style-type: none"><li>• Network information Gathering</li><li>• Build system profiles</li></ul>





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S/N	Features	Detail
	Test	<ul style="list-style-type: none"><li>Identify and exploit critical OS, device, service, and application vulnerabilities</li><li>Replicate an attacker's attempts to access and manipulate data</li><li>Leverage compromised systems as beachheads to attack other network resources through VPN and proxy pivots</li><li>Test defensive technologies' ability to identify and stop attacks</li></ul>
6	Client-Side Testing of End Users and Endpoint	<ul style="list-style-type: none"><li>Crawl sites, search engines for potential target information</li><li>Create Custom Phishing mail</li><li>Use client-side exploits to test endpoint system security, assess defenses</li><li>Test security awareness</li></ul>
7	Identity Discovery & Password Cracking	<ul style="list-style-type: none"><li>Discover Windows NTLM hashes and attempt to determine plaintext Passwords for those hashes</li><li>Discover identities: usernames, passwords, SSH keys, and cookies</li></ul>
8	Wireless Network Penetration Test	<ul style="list-style-type: none"><li>Assess WEP, WPA-PSK and WPA2-PSK encrypted networks</li><li>Intercept wireless transmissions and replicate access point to target Wi-Fi enabled system</li></ul>
9	Web Application Penetration Test	<ul style="list-style-type: none"><li>Test for all OWASP Top Ten web application vulnerabilities</li><li>Identify weaknesses in web applications, web servers and associated databases</li><li>Generate exploits that can compromise security weaknesses of web server and backend network</li></ul>
10	Mobile Device Penetration Test and Surveillance Camera Attacks	<ul style="list-style-type: none"><li>Evaluate the security of new mobile devices and related web services prior to deployment</li><li>Access call and text logs, GPS data, and contact entries</li></ul>
11	Minimum Required Coverage	The Solution should cover up to 6 Internal IP's and 4 External IP's. Both Internal and External IP should be changeable.
<b>Administration</b>		
12	System maintenance required for the PT	The PT solution maintenance should have self-guiding capabilities, like for patching or system backup, and facility to updates, database backups, etc.



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S/N	Features	Detail
<b>Training</b>		
13	Hands-on Training for the PT solution	The PT solution must include adequate hands-on training for Information Security officials.
<b>Support</b>		
14	Vendor support for the PT solution	The PT solution should have 24x7x365 support (telephone, email and online documentation).

9. After going through the terms & conditions, if you are interested to participate in the bidding process:

A. Please submit your proposal in your company's letterhead pad as per format mentioned above and signature of your company's authorized representative and must be submitted at the tender box of our office on 15.05.2016 from 10:00 am to 12.30 pm. No quotations shall be dropped before or after this time period.

B. Please return this letter with signature of authorized signatory and seal of the company as proof of acceptance of the terms & conditions.

10. The Authority reserves the right to modify the terms and conditions as mentioned above, accept or reject any or all of the proposals or may divide the works amongst the participants without assigning any reason whatsoever.

Thanking you.

Saif-Ul Alam Md Al-Amin  
Senior Vice President & Head