SEKHUKHUNE
District Municipality

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PUBLIC NOTICE: SK-8/2/1-04/2020/2021

IN TERMS OF SEKHUKHUNE DISTRICT MUNICIPALITY SUPPLY CHAIN MANAGEMENT POLICY, QUOTATIONS ARE HEREBY INVITED FROM ELIGIBLE AND INTERESTED COMPANIES, CONSORTIUM OR JOINT VENTURES WITHIN SEKHUKHUNE DISTRICT REGION TO CONDUCT A NETWORK EXTERNAL BLACK –BOX PENETRATION TEST

Item	Description
01	The Appointment of a service provider to perform a Network External Black- box Penetration Test at the Municipality **See attachment for scope of work**

Completed quotations must be placed in a sealed envelope and marked (**Request for quotations-Black Box test)** deposited in a tender box at Groblersdal Fire Station before the closing date and time 20 October 2020 at 11:00.No compulsory briefing session will be held. For further information, contact **Gloria Sikhosana** of SCM at 013 262 7656 and **Vicky Chabedi** of ICT 013 262 7419

Please note:
The following returnable documents are compulsory except the BBBEE, and will lead to disqualification if not attached.

Tax Compliance Status Pin is mandatory
Company Registration papers are compulsory
Certified ID copies of Directors
BBBEE Verification Certificate or Sworn Affidavit for BBBEE Exempted Micro Enterprises
MBD 4, MBD 8 and MBD 9 forms must be signed and attached with quotation
CSD Report not longer than 14 days from advert date
No late, telegraphic, facsimile, e-mailed and telex bids will be accepted
Price and BBBEE
This will be evaluated in terms of the 80/20 preferential points system.

Mrs. M NTSHUDISANE
MUNICIPAL MANAGER

07/10/2020
Date

SEKHUKHUNE DISTRICT MUNICIPALITY
2020/2021

SEKHUKHUNE DISTRICT MUNICIPALITY
3 Wes Street, Groblersdal, 0470
Tel: 013 262 7300

SCOPE OF WORK FOR
NETWORK EXTERNAL BLACK BOX
PENETRATION TEST
SEKHUKHUNE DISTRICT MUNICIPALITY

Project:	Network External Black Box Penetration Test
Department:	Information and Communication Technology
Institution:	Sekhukhune District Municipality
Location:	Groblersdal
Report to:	Acting Manager: ICT

1. INTRODUCTION

The objective of an external black-box penetration test is to harden the perimeter of SDM environment (firewall, VPN, etc.) as well as any external services that may be exposed to the internet (e.g. cloud infrastructure, DMZ services like email). Typically, this type of test is accompanied with a white-box security configuration audit of network security devices protecting your perimeter.

An External Black-Box Penetration Testing mimics the actions of an actual adversary by attempting to exploit weaknesses in network security without the dangers of a real threat. This test examines external IT systems for any weakness that could be used by an external attacker to disrupt the confidentiality, availability or integrity of the network, thereby allowing the organization to address each weakness. It should be assumed that every actively listening device that is exposed to the internet will constantly be under attack. Examples of listening services that are typically exposed would be email, web, VPN, cloud authentication, cloud storage, etc.

2. BACKGROUND

During the recent Audit Committee it was emphasized that Sekhukhune District Municipality must appoint a company to conduct attack and Penetration tests as well as Vulnerability tests to determine the effectiveness of the existing Information Security controls. Penetration testing looks at vulnerabilities and will try and exploit them and also to determine whether the tools and configurations we have in place are giving our organization the level of security it requires. Presently our network environment is highly secured but it has been tested in 2018 hence Audit Committee stressed that such test must be done annually and report be presented to the committee at their next sitting.

Criteria

Certified copies of qualifications of the key staff (assigned personnel) in relation to the scope of work might be required, Professional Body registration and relevant experience

Period is a once off Test

Maintenance required as per test Report Re-testing is included in this pricing if executed within 90 days of initial testing.

Presentation will not be conducted but consultation on site with IT Manager will be done upon appointment

Note: Penetration tests begin only after we have given Service Provider explicit and signed authorization.

After test is conducted a report will be provided by the Tester

Following testing, a full detailed report shall be made available. The report will outline items such as the testing methods used, the findings, any proof-of-concept code for successful exploits, as well as remediation steps and suggestions.

In the event of a successful exploit, breach or compromise, the service provider shall document the testing methodology used, record all gathered evidence, and develop proof-of-concept exploits for repeatable testing.

A test will be conducted once off duration will depend on how long a test will take.

Following the penetration testing, there may be one or more areas of weakness that requires reconfiguration, patching or replacement. Service Provider will retest these areas when they are ready and remediation has been completed. Re-testing is included in this pricing if executed within 90 days of initial testing.

3. OBJECTIVES

Sekhukhune District Municipality with the goals of:

☐ Identifying if a remote attacker could penetrate Sekhukhune District Municipality defenses

☐ Determining the impact of a security breach on:

☐ Confidentiality of the company's private data

☐ Internal infrastructure and availability of Sekhukhune District Municipality information systems

4. SCOPE OF WORK

To conduct an internal and external penetration test and an internal vulnerability assessment in order to determine its exposure to a targeted attack both internally and externally.

The attacks should be conducted with the level of access that a general Internet user would have along with an authenticated vulnerability assessment.

The assessment should be conducted in accordance with the recommendations outlined in NIST SP 800-1151, ISO 27001 and various CIS Standards (Center for Internet Security) with all tests and actions being conducted under controlled conditions.

5. SPECIAL CONDITIONS

All electronic and hard copy information captured/utilised to provide the output of the project remains the property of Sekhukhune District Municipality. The data should be surrendered to the Municipality at the end of the project and it cannot be used or shared, whether for profit or otherwise with any other party, without written permission from Sekhukhune District Municipality. The Municipality will remain copyright and all associated intellectual rights relating to the project.

6. FUCTIONALITY

Functionality will be valuated as follows:

The bidder must demonstrate in the proposal, knowledge and expertise of:

Assessment Criteria
Minimum points/score for functionality is 60, anyone who serves below 60 points will be disqualified for further evaluation.

Technical Approach, Methodology & Work Plan
Approach paper which responds to the proposed scope of work/project design and outlines proposed approach / methodology and work plan complete with time frames
 	
    1 Technical approach, Methodology and Work plan (25 points)
    2 Both technical approach and methodology (15 points)
    2 Work Plan (10 points)
	(25) points

Qualified and Licensed Principals ISO 270001 Certified, Certification Lead Pen Test Professional	(25) points
Company previous/current projects related to the scope of work with appointment letters 5 and above projects (25 points)	(25) points

3-5 projects (15) 1-2 projects (10 points)	
Experience: Personnel 5 and above years and more experience (25 points) 1 personnel 2- 5 years' experience (15 points) 2 personnel 1-2 years' experience (10 points) 3 personnel	(25 points) Attach Cv's and certified copies of qualifications, stamp not older than 3 months
Total	**(100) points**