



REQUEST FOR EXPRESSIONS OF INTEREST

Penetration Test on IT & OT Infrastructures

OVERVIEW

Belize Electricity Limited (BEL) is embarking on an Information Technology (IT) and Operations Technology (OT) network penetration testing which includes both its Supervisory Control and Data Acquisition (SCADA) and IT infrastructures. The objective of the project is to assist BEL with improving its security posture within its Corporate IT infrastructure and OT environment. BEL is inviting qualified candidates to bid for this project.

REQUIREMENTS FOR PROSPECTIVE FIRMS OR INDIVIDUALS

1. Accredited by a certification body such as CREST
2. Must have individuals with certifications such as CIS, CRISC, CEH, LTP, CISSP etc.
3. Minimum of three years of experience undertaking similar engagements
4. Willing to sign a Non-Disclosure Agreement

PROJECT DELIVERABLES

1. Executive Summary Report
2. Penetration Test Report on Corporate ICT Infrastructure
3. Penetration Test Report on OT Environment (including SCADA)

PROJECT SCOPE

1. ICT Infrastructure

- a. Local Area Network
- b. Wide area Network
- c. Wireless Network infrastructure
- d. Internet Access
- e. Identity and Access Management
- f. Corporate Web Site
- g. Intranet
- h. Remote Access Capability
- i. File Storage
- j. Database Environment
- k. Virtual Environment
- l. Citrix Environment
- m. Server Management
- n. IP Telephony Solution
- o. Email Service
- p. Enterprise Software Applications
 - i. Dynamics Great Plains – enterprise resource planning solution
 - ii. CIS Infinity – utility billing system
 - iii. Utili.Cash – cash receipts system

2. OT Infrastructure (SCADA/ System Protection/ Smart Metering/ Smart Grid)

- a. Control Center Facility
- b. Management Servers
- c. Management Workstations
- d. Remote Terminal Units
- e. Network Terminal Units
- f. Real Time Automation Controllers
- g. Smart Meters
- h. Collectors / Base Stations
- i. Repeaters
- j. Network Medium and Infrastructure
- k. Intelligent Electronic Devices

Bidding documents are available on BEL's website at www.bel.com.bz or via email request to tenderdocumentssubmit@bel.com.bz.

Submissions in sealed envelopes clearly marked "**Penetration Test on IT and OT Infrastructure**" must be received at the address below no later than **5:00 p.m. on Thursday, June 28, 2018**:

Manager, Purchasing
Belize Electricity Limited
2½ Miles Phillip Goldson Highway
Belize City, Belize
Central America