

ANNEXURE F

SCOPE OF WORK

APPOINTMENT OF A SERVICE PROVIDER TO PROVIDE, INSTALL, AND MANAGE CEF FIREWALL FOR A PERIOD OF THIRTY-SIX (36) MONTHS.

1 INTRODUCTION

CEF SOC Ltd is a state-owned company involved in the search for appropriate energy solutions to meet the energy needs of South Africa and the sub-Saharan African region. It also manages the operation and development of the oil and gas assets of the South African government. The company falls under the auspices of the Department of Minerals, Energy Resources (DMRE). For more information on the company, you can visit our current website: www.cefgroup.co.za

2 REQUIREMENTS

Bidders are invited to submit proposal for a firewall solution with capabilities for IPSec VPN termination, perimeter protection, and deep packet inspection filtering of TCP/IP traffic as follows:

2.1 Hardware

- Supply and install 2 x firewalls with the following minimum specifications and features:
 - 3yr warranty with nbd replacement on hardware;
 - SSL VPN capability with 3GB throughput;
 - High availability and 10Gbps uplinks to two core switches ;
 - Real time deep packed inspection;
- Threat prevention
- Advance networking and clustering
- Must support mobile access and VPN
- Must be able to support point to point VPN
- Application's control
- URL filtering and must be able to detect virus
- Must have anti-spam and email security
- Must be able to show logging and status
- Must be able to provide detailed report and automatically send notifications for any attempt of intrusion
- The firewall must be reliable and able to synchronize with Ldap
- Must support bandwidth throttling

2.2 Service

- Bidders are required to provide the following services:
 - 36 months support SLA;
 - Ensure smooth migration of the current configuration to the new infrastructure (Firewall);
 - Configure SSL VPN with 2-factor authentication (100 Licenses), bidder to supply SSL certificates; Proactive 24/7 firewall remote monitoring;
 - 150 users;
 - The solution must have vendor support for the entire duration of the contract (36 months);

NB:

- Winning bidder will be responsible for end-to-end configuration of the firewall to ensure adequate protection of CEF corporate network;
- Winning bidder will be responsible for any modifications or configurations needed on the network switches to ensure smooth operation of CEF corporate network;
- Winner bidder must supply all necessary hardware, cabling, SPF, etc required for full functionality and interoperability of the proposed firewall;