Attachment 1

IDAHO SOS Technical Architecture Overview

**ID SOS - Technical Environment**

In overview ID SOS’s technical environment consists of Windows based desktops and a variety of server platforms connected via an IP based network. Desktop and server level support is provided by the SOS Information Technology staff for local issues, with additional support from the ID Dept. of Administration providing the statewide network, VPN, and access support when needed. Brief descriptions of each component are provided below.

**Desktop Environment**

The de facto desktop standard is an I5 Intel platform (Dell hardware) running Windows 10.

**Network Services**

Dept. of Admin provides both local and wide area network services for Idaho agencies, including the SOS. All LAN segments are switched Ethernet networks.

**Directory Services/Authentication**

ID SOS utilizes Active Directory network domain that provides us with a single network sign on for most current applications.

**Server Environments:**

ID SOS maintains all functions within the scope of this RFP on the following servers:

* Windows servers running Windows 2012 R2 and 2016 Server .
* VMware hosting 3 servers.
* MS SQL

**Web Environment**

* ASP.NET.
* WordPress.

**Cloud Environment**

* Azure G3.
* Office 365.

**Data Backup**

On site backup is provided via Snapservers and Veeam software for server, database and local machine backups.

**Geographic Information System (GIS) Environment**

The SOS currently does not utilize GIS, however both the Dept of Tax and Dept of Admin have GIS officers and utilize GIS data.