**Customer information:**

City of Palo Alto

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· Pre­proposal teleconference is Monday March 27 2014 at 1:00pm

· RFPs must be submitted by 3pm April 29, 2014.

**Project Brief:** The City of Palo Alto is seeking proposals from qualified firms to provide professional services for a Virtual Private Cloud Implementation. The required services and performance conditions are described in the Scope of Work (or Services).

Procure external vendor to manage the planning, purchase and installation and testing of a virtual private cloud with back­ups in Microsoft Azure.

**Background:**

"Currently, the City of Palo Alto City Hall Data Center is comprised of 160 servers, of which roughly 40% are virtualized. Much of the equipment is beyond end of life, out of support, and in need of replacement. Additionally, in 2012, a data center strategy was drafted identifying the need for a hybrid­cloud solution and the adoption of a cloud­first strategy.

A virtual private cloud will avoid the need to purchase as many new physical servers (because virtual servers will be deployed instead). It is anticipated this environment will provide the space and flexibility needed to build out virtualization and eventually replace all servers currently on premises.

Microsoft Azure is planned, as part of this project, to be utilized to provide disaster recovery in case the data center at City Hall is destroyed. "

**Known Stakeholders:**

The City of Palo Alto information technology department and it's users are our major stakeholder for this project. Microsoft Azure is also a major stakeholder since it appears to be predetermined that they will provide the cloud service. The computer system vendor, operating system vendors, and software vendors that are yet to be determined will be stakeholders as well. Finally the member of Group 4 are stake holders since we will be managing the project.

**Problem Statement**

Based on the descriptions on the RFP the City of Palo alto has an information technology infrastructure based on older hardware and software systems. It is evident these systems have been not updated or maintained. The city would like to replace this equipment with a modern virtualization "cloud" service provision; "Hybrid Cloud". The City also requires the ability to have a backup cloud based data center to be used as a disaster recovery site. The vendor for the cloud hosting service has already been determine to be Microsoft Azure.

**Project Statement:**

The project goals are to replace the aging IT infrastructure used by the City of Palo Alto with a modern cloud based system and introduce a cloud based disaster recovery solution. It is expected the existing system and service swill remain operating without interruption. ...