

### **Expression of Interest**

Information Technology Company, LLC (ITC), is interested in participating as a subcontractor on the DE- SOL-0008470, Sandia National Laboratories Management and Operating Contract Competition. Per the instructions we provide the following information:

**Name of company:** Information Technology Company, LLC (ITC);

**Business size:** Small in all relevant NAICS codes;

**Type of organization:** LLC

**Socio-economic statuses:** SBA 8(a), small disadvantaged business;

**Mailing address:** 7389 Lee Highway, Suite 210, Falls Church, VA 22042;

**POC:** Steve Sharp, 703-237-7370, (x109) (o), 240-338-3655 (c), [ssharp@itconline.com](mailto:ssharp@itconline.com)

**Website:** [www.itconline.com](http://www.itconline.com)

### **Relevant Capabilities and Expertise**

ITC is the exclusive provider of the IBM mainframe System z Personal Development Tool (zPDT). zPDT is a software-based application tool that provides an affordable application development and demonstration platform for commercially available products on System z. The zPDT enables a virtual System z architecture environment to run in full capacity on Intel platforms. This capability is very useful in supporting:

- Low cost IBM System z platform for application development and testing;
- Portable System z platform for training & education of applications and Operating System environments;
- Demonstration of mainframe products by having a portable System z application demonstration platform;
- Support developers in remote or multiple locations where having personal zPDT system(s) is more efficient and cost effective than dedicating larger server resources;
- No need for a dedicated LPAR on existing systems;
- Complete control of the mainframe development environment without risk production or operational environments.

There are several scenarios where the prime contractor and Sandia can benefit ITC's experience and capabilities. Some examples of zPDT use are:

- As a test platform for mainframe security. zPDT can replicate SNL environment and the cyber engineers can use the technology to test mainframe security products, methods and tools, without requiring access to the production environment;
- Rapid agile development of mainframe based applications without the cost and associated support tasks normally required for data center mainframe operations;
- Host Linux for z Systems environments for testing, training, development, in a cloud structure (SaaS, PaaS);
- An operations training aid for cyber security. Scenarios can be established for training that present various situations that can be encountered by computer operations staff through the master console allowing them to develop reaction plans;
- As an integral component of any high-performance computing development lifecycle.

ITC's relevance is not limited to zPDT. Our long association with mainframe, high-performance computing means:

- As an IBM Business Partner, we are responsible for all management, administration and configuration of the IBM Rational-as-a-Managed-Service cloud offering. We have been working with IBM on this project since inception and have put into place a worldwide support organization to provide best-of-class 24 hour support for cloud operations. We handle all provisioning, data ingest, operation, disaster-recovery, and ancillary services.
- ITC does not rely on subcontractors. All subject matter experts (SME) staff and chief architects are full time employees. Most have Top Secret DoD clearances;
- Our lead architect is Dr. L David Jones, one of the notable worldwide architects for cloud implementations. He has worked with international customers worldwide to develop and implement cloud structures specific to the needs and goals of each customer. He is a noted expert on Linux for z Systems, OpenStack, and zVM security;
- ITC has implemented several Platform as a Service (PaaS) and Software as a Service (SaaS) cloud implementations with and without managed services;
- ITC is a FedRAMP authorized Third Party Assessment Organization (3PAO) which certifies us as experts in cloud security;
- ITC can easily handle the hosting of a cloud hardware infrastructure in our datacenter or one of our business partner data centers in Europe;
- We can support any desired level of data, data center, or networking infrastructure in support of HIPAA, SOX, DIACAP, FIPS, OMB, NIST, IEC/ISO, etc.

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ITC agrees with NNSA's desire to publish all our company information as provided in this response.