West Virginia Purchasing Division

2019 Washington Street, East
Charleston, WV 25305
Telephone: 304-558-2306
General Fax: 304-558-6026
Bid Fax: 304-558-3970

The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at *wvOASIS.gov*. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at *WVPurchasing.gov* with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

wvOASIS

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Welcome, Alisha S Pettit | Procurement | Budgeting | Accounts Receivable | Accounts Payable

Solicitation Response(SR) | Dept: 0210 | ID: ESR03062400000004624 | Ver.: 1 | Function: New | Phase: Final | ⬇ | Modified by batch , 03/06/2024

Header 📎 1

☐ List View

| **General Information** | Contact | Default Values | Discount | Document Information | Clarification Request |

Procurement Folder: 1379271

Procurement Type: Central Master Agreement

Vendor ID: VS0000041430 ⬆

Legal Name: Tier One Technologies

Alias/DBA:

Total Bid: $956,800.00

Response Date: 03/06/2024 📅

Response Time: 9:45

Responded By User ID: Prestier1 ⬆

First Name: Brad

Last Name: Hamel

Email: bhamel@tier1technologies

Phone: 7248201818

SO Doc Code: CRFQ

SO Dept: 0210

SO Doc ID: ISC2400000011

Published Date: 3/1/24

Close Date: 3/6/24

Close Time: 13:30

Status: Closed

Solicitation Description: Addendum No 1 -Professional Database Engineer (OT24116)

Total of Header Attachments: 1

Total of All Attachments: 1

Proc Folder:	1379271
Solicitation Description:	Addendum No 1 -Professional Database Engineer (OT24116)
Proc Type:	Central Master Agreement

Solicitation Closes	Solicitation Response	Version
2024-03-06 13:30	SR 0210 ESR03062400000004624	1

VENDOR
VS0000041430   Tier One Technologies

Solicitation Number:	CRFQ 0210 ISC2400000011
Total Bid:	956800 **Response Date:** 2024-03-06 **Response Time:** 09:45:42
Comments:	

FOR INFORMATION CONTACT THE BUYER
Toby L Welch
(304) 558-8802
toby.l.welch@wv.gov

Vendor
Signature X   **FEIN#**   **DATE**
All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Professional Database Engineer - YR1	2080.0000	HOUR	115.000000	239200.00

Comm Code	Manufacturer	Specification	Model #
80111609			

Commodity Line Comments:

Extended Description:

Fill out an hourly rate into the unit price field. The quantity amount is estimated for evaluation purposes only. The actual hours used may vary depending on usage.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Professional Database Engineer - Optional YR2	2080.0000	HOUR	115.000000	239200.00

Comm Code	Manufacturer	Specification	Model #
80111609			

Commodity Line Comments:

Extended Description:

Fill out an hourly rate into the unit price field. The quantity amount is estimated for evaluation purposes only. The actual hours used may vary depending on usage.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	Professional Database Engineer - Optional YR3	2080.0000	HOUR	115.000000	239200.00

Comm Code	Manufacturer	Specification	Model #
80111609			

Commodity Line Comments:

Extended Description:

Fill out an hourly rate into the unit price field. The quantity amount is estimated for evaluation purposes only. The actual hours used may vary depending on usage.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	Professional Database Engineer - Optional YR4	2080.0000	HOUR	115.000000	239200.00

Comm Code	Manufacturer	Specification	Model #
80111609			

Commodity Line Comments:

Extended Description:

Fill out an hourly rate into the unit price field. The quantity amount is estimated for evaluation purposes only. The actual hours used may vary depending on usage.

State of West Virginia
Solicitation No. CRFQ 0210 ISC2400000011
Proposal for Professional Database Engineer

Background

Tier One Technologies (Tier One) was formed in 2003, and with twenty (20) years of experience in the government sector, Tier One has delivered IT and Professional Services to numerous federal departments and agencies, in addition to state and local government entities. Our track record of success in government services led to Tier One being awarded a GSA MAS Schedule 70 in 2018 and re-awarded/extended in 2023 – current MAS Category 54151S.

Tier One is a Limited Liability Company. In addition to ownership, the company internally has three (3) full time employees and two (2) part time employees providing sales, recruiting and general administrative services from its headquarters location – 67 E. Pike Street, Canonsburg, PA 15317. The company also has a 3-year average run rate of twenty (20) full time personnel providing billable consulting services to various clients at locations nationwide and including Government facilities.

Under consistent leadership, and by adding internal personnel support through incremental organic reinvestment, we have been able to provide cost effective consulting with exceptional customer service to fuel our steady growth. Tier One is cash flow positive with a clean balance sheet and stability gained through being in business for over twenty years.

Tier One's acumen for sourcing and retaining talent to support our core competencies in mission & operational support, systems integration, network enterprise support/service management, cybersecurity, risk & privacy, and custom software and reports development has resulted in a powerful organizational pedigree and quick to market bandwidth.

Thank you for your review and consideration of our proposal. Tier One looks forward to working with the West Virginia Office of Technology in support of its mission providing Enterprise Solution Services to the State. Please contact the following Tier One Technologies representative for further action in connection to this procurement:

Brad Hamel
Director & Capture Manager
724-820-1819
bhamel@tier1technologies.com

Tier One Technologies, LLC
67 East Pike Street
Canonsburg, PA 15317

Phone: 724-820-1818
Fax: 724-820-1828
www.tier1technologies.com

Taking IT Strong! Every Day.

PROFESSIONAL SUMMARY:

- Highly skilled and experienced DBA with over 20 years of expertise in information technology consulting.
- Demonstrated proficiency in database administration, data warehouse management, replication, SQL Cluster, and system development.
- Experienced in utilizing SQL, PL/SQL, XML, JSON, shell scripts, and .NET.
- Successfully managed the complete lifecycle of physical database design, implementation, maintenance, and support in corporate database environments.
- Actively contributed to ongoing performance monitoring, analyzing performance statistics, and implementing effective tuning measures.
- U.S. Citizen

EDUCATION:

University of Punjab, Lahore, Pakistan
Bachelor of Science in Mathematics & Statistics

ADDITIONAL TRAINING:

- Oracle & Advanced PL/SQL administered by CIT, NIH, Bethesda, MD
- Fast Track to SYBASE administered by Sybase, New York
- MongoDB administered by Mongo DB

CERTIFICATIONS:

- AWS Certified Database – Specialty
- Microsoft Certified: Azure Database Administrator Associate
- Oracle Certified Professional (OCP)
- Microsoft Certified Solution Developer (MCSD) for .Net

AREAS OF EXPERTISE:

- SQL Server 2019
- Oracle / PLSQL
- MySQL 8.0 Ent.
- Azure Cloud
- MongoDB
- SQL Reporting

- ASP.NET, C#
- Data Migration Asst. (Azure)
- Amazon RDS
- Erwin/ERX
- SSIS/SSRS

- Azure Data Factor
- Shell Script
- Postgres
- Unix /Windows
- Idera DM for SQL

EXPERIENCE:

National Institutes of Health, Bethesda, MD   **03/07 – Present**
Sr. Database Administrator (CIT) (Contract)
- Led as the SQL Server DBA overseeing more than 120 SQL Servers, including critical applications and servers.
- Performed comprehensive administration tasks such as backups, availability monitoring, disk space management, performance optimization, and data archiving. Implemented

backup processes using limited resources, achieving successful compression of 2.0 TB backups.
- Executed smooth migrations of SQL Server from versions 2012 to 2019 and 2022.
- Designed and implemented efficient database structures for various projects, optimizing data retrieval by over 30%.
- Developed and maintained complex T-SQL queries, stored procedures, and functions to support critical business operations.
- Collaborated with application developers to integrate T-SQL solutions into web applications, ensuring seamless functionality.
- Participated in code reviews, identifying opportunities for code optimization and adherence to best practices.
- Led performance tuning efforts, resulting in a 25% reduction in query execution times and improved overall system performance.
- Implemented ETL processes to extract, transform, and load data from external sources, enhancing data accuracy and availability.
- Developed custom reports using SQL Reporting Services (SSRS) to address specific and ad-hoc queries.
- Designed dynamic SSIS Packages for data transfer across diverse platforms, incorporating data validation during transfer and archival of data files for various DBMS efficiently migrated data from DB2, PostgreSQL, and Oracle to SQL Server 2019 using SSIS packages.
- Proficiently resolved performance issues, excessive locking/blocking, and database integrity concerns through troubleshooting and implementation of appropriate solutions.
- Implemented Transparent Data Encryption (TDE) and Column-Level Encryption (CLE) to meet HIPAA compliance requirements for data at rest and encryption of PII or PHI during access/updating.
- Created server and database-level audits, leveraging system-versioned temporal tables to maintain a complete history of data changes.
- Installed, configured, and maintained multi-subnet AlwaysOn availability groups using SQL Server 2014-2019 on VM.
- Configured and managed disaster recovery solutions using SQL Server log shipping, replication, and SQL Server Always-On Availability Groups.
- Performed database migrations from local servers to Microsoft Azure SQL Database, utilizing tools such as "Generate and Publish Scripts" and Data-tier Application Export and Import (BACPAC) wizards. Utilized Data Migration Assistant to evaluate on-premises data and migrate schemas to Azure SQL Database.
- Used Azure Data Factory to automate data movement and transformation.
- Deployed SQL Server 2019 & 2022 databases to Azure SQL VM on Azure Cloud, configured SQL Workload, tested SQL connectivity, and migrated data using detached databases.
- Developed and reviewed T-SQL queries, stored procedures, triggers, and functions for optimal performance.
- Performed ongoing assessments of database performance, resource requirements, and identification of problem areas using Diagnostics Manager.

United States Postal Service, Arlington, VA   **10/05 – 03/07**

Sr. Database Administrator/Developer (Contract)
- Responsible for the design, support and maintenance of Case Management (CM) and Resource Management System (RMS) data resources using SQL Server and Oracle

- On call 24 hours a day, 7 days a week on a rotating basis
- Implemented and maintained new and modified databases from dev to test to production environment while following existing change management guidelines and procedures.
- Advised business unit and applications development staff to better utilize relational databases and the Company's computing environment.
- Performs database backups and recoveries including disaster recovery planning using Log Shipping and Replications.
- Developed and/or maintained a security scheme for the database environment. Ensures continued security and integrity of databases.
- Assisted senior developers in designing and normalizing databases for new software applications.
- Developed and maintained SQL Server Reporting Services (SSRS) reports for business intelligence purposes.
- Collaborated with quality assurance teams to identify and resolve data-related issues in a timely manner.
- Maintained data warehouse server for Debit/Credit and Money Order transactions using DTS package to upload daily data. The system was migrated to SQL 2005 to utilize partitioned tables and indexes features.
- Created complex SSIS packages using proper Control and Data flow elements.
- Used System Tables, System Stored Procedure, DBCC commands for Database maintenance.
- Involved in Performance tuning the Stored Procedures to by removing unnecessary cursors Developed SSIS Packages to pull data from Access, Excel sheets and Flat files into SQL Server.
- Migrated DTS packages from SQL Server 2005 to SQL Server 2008 as SSIS Packages.
- Conducted ongoing assessment of database performance, resource requirements, and the identification of problem areas.
- Automated National Performance Assessment (NPA) reports for the Postal Police Officer (PPO) using SQL Server 2005 Integration Services (SSIS) and SQL Reporting.
- Maintained and published all data-related standards, policies and procedures.

Department of Labor, Washington, DC (Contract)   **09/02 – 10/05**
Sr. SQL Developer/DBA (Contract)
- Managed more than 30 SQL production, training and test servers includes SQL server 7, SQL server 2000 and Oracle.
- Setup and managed e-Procurement System in 2 node cluster environments
- Setup and maintained replications to synchronized data between DMZ and intranet databases.
- Created and Implemented SQL Server consolidation and upgrade plan. Deployed and configured various internal and external web base applications.
- Migrated SQL Server from 6.5 and 7.0 to 2000 Version and moved data from Oracle 7 to SQL server 2000.
- Managed data warehouse and reporting for MOM 2005 and SMS 2003
- Configured database control parameters for database performance tuning. Monitoring the growth of the database objects for capacity planning.
- Fine-tuned the server to achieve the best performance. Developed stored procedures and triggers to improve performance, which was achieved by removing unnecessary temporary tables.

- Established, maintained and documented backup/recovery and security policies.
- Designed ITC Assets Management system using C# and asp.net. Used Microsoft WMI technology to extract and monitor system related information.

Amerada Hess Corp, Alexandria, VA   **09/00 – 09/02**
Sr. Database Developer

- Provided senior level Oracle and SQL Server consulting services focusing on database administration. Involved in Physical Design of Database, creating and managing the database and all the database objects. Assigned resources, adding users and granting permissions and closely worked with front end developers.
- Worked on Risk Management – back-end Mark to Market calculation.
- Worked on cycle billing and data synchronization with SAP account receivable module using XML technology.
- Developed utility to import web-based electricity-pricing data from SQL Server into Oracle database.
- Implemented Data warehouse and OLAP for historical data used by Risk Management.
- Took part in database design using Erwin including Erwin templates development. Broad experience in using data normalization principles for OLTP databases, SQL, transact SQL, Stored Procedures, Triggers, and Referential data integrity in implementing database systems.
- Migrated SQL Server from 6.5 to 2000 Version. Specially designed DTS package for Import Oracle Data to SQL server.
- Created and checked database maintenance plan, which includes, Backup, Optimization and Integrity check (DBCC)
- Designed and tested backup and recovery strategies. Authored backup and recovery documentation. Designed and implemented pre and post processing programs for the data warehouse transformation.
- Fine-tuned the server to achieve the best performance. Developed stored procedures and triggers to improve performance, which was achieved by removing unnecessary temporary tables.

National Institutes of Health (NIH), Bethesda, MD   **12/97 – 08/00**
Sr. Developer/DBA

- Key activities include Database design, Indexing, device/space allocation, creation of server logins, creation of database users and giving permissions to them.
- Interacted with developers on regular basis in reference to database design changes, add-ons, planning, production release management and security. Created shell scripts, stored procedures and triggers.
- Designed HLA System to help manage lab patients, sample, result and testing processes. Client-Server Architecture implementation was used with an emphasis on the back end, heavily using stored procedure and trigger techniques, providing improved performance and connectivity characteristics for the system. The database model was fully maintained in Erwin/ERX.
- Developed and implemented backup and recovery procedures. Created database backup shell scripts for routine and online backup. Disaster recovery done on a Production Database.
- Calculated optimum values for database parameters, such as amount of memory, storage, or processing to be used by database.

- Analyzed and implemented a three-way system between disparate data sources and a star schema multiple heterogeneous Oracle databases, inclusive of data warehousing.

Small Business Administration (SBA), Washington, DC   **03/96 – 12/97**
Application DBA

- Responsible for the complete database development of the SBA Certification Tracking System (CTS). Business functions addressed Business/Principal Inf., Checklist, Activity Log, Review, Reconsideration and Appeal Process. Designing Databases and other database objects according to system specifications.
- Developed Database Triggers, Functions, Stored procedure, Packages using PL/SQL.
- Maintained user privileges, creating new users.
- Estimated storage capacity planning of seven databases for one year from the creation period.
- As a DBA, interacted with Users and Developers. Maintained, Monitored, created and Tuned Oracle Database.
- During product development and deployment. Responsible for installations upgrades and applies patches to databases. Performs database maintenance activities such as index reorganization and transporting Tablespaces.
- Conferred with coworkers to determine impact of database changes on other systems for making changes to database.

Marasco Newton Groups Ltd. (MNG), Arlington, VA   **04/95 – 03/96**
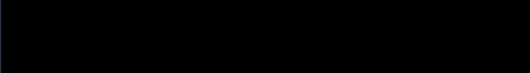Developer/DBA

- Served as the DBA and SQL Developer for the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS3) project. CERCLIS3 is written in PowerBuilder and Oracle, using the client/server model.
- Installed and configured an Oracle 7 server on Window NT/2000.
- Ensured 24x7 database availability, using Oracle standby database.
- Established centralized SQL*Net connectivity in a TCP/IP network environment.
- Maintaining the physical and logical Oracle databases through Erwin 3.5.2 Data Modeling Tools. Created scripts to promote lookup table data from one instance to another through Data Model.
- Background in SQL, PL/SQL, batch/shell scripting, implemented data communication between databases by creating database links and by using Oracle utilities, including import, export, and SQL*Loader.
- Performs database security and user management activities including system security. Defining and managing users, policies and roles.
- Assisted the development team in creating packages, stored procedures, and triggers. In particular, helped tune SQL statements and resolve performance or system issues.
- Planned for backup and recovery of database information. Maintained archived data on tape and disk. Implemented an automated backup and recovery solution.

aws certified

Nasir Majeed

AWS Certified Database - Specialty

VALIDATION NUMBER: ██████████████

VALIDATE AT: https://aws.amazon.com/verification

Issue Date: May 23, 2022

Expiration Date: May 23, 2025

EXCLUSIVE RIGHT TO REPRESENT

Ref: State of West Virginia Professional Database
Engineer – Solicitation CRFQ 0210, ISC2400000011

This form serves as confirmation that I am aware Tier
One Technologies, LLC intends to present me to the
State of West Virginia for a Database Engineer support
engagement in connection to the referenced
solicitation. I wish to pursue this opportunity
through Tier One Technologies. I may be contacted if
you wish to verify the above information.

SIGNED _____ DATE: 03/04/2024

Nasir Majeed
 (PRINTED NAME)

(T) 703-867-9117

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFQ ISC24*011

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:
(Check the box next to each addendum received)

[✓]   Addendum No. 1   [   ]   Addendum No. 6

[   ]   Addendum No. 2   [   ]   Addendum No. 7

[   ]   Addendum No. 3   [   ]   Addendum No. 8

[   ]   Addendum No. 4   [   ]   Addendum No. 9

[   ]   Addendum No. 5   [   ]   Addendum No. 10

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

TIER ONE TECHNOLOGIES, LLC
Company

Bradley Hamel
Authorized Signature

_03/04/2024_
Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.
Revised 6/8/2012

10. VENDOR DEFAULT:

10.1. The following shall be considered a vendor default under this Contract.

10.1.1. Failure to perform Contract Services in accordance with the requirements contained herein.

10.1.2. Failure to comply with other specifications and requirements contained herein.

10.1.3. Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract.

10.1.4. Failure to remedy deficient performance upon request.

10.2. The following remedies shall be available to Agency upon default.

10.2.1. Immediate cancellation of the Contract.

10.2.2. Immediate cancellation of one or more release orders issued under this Contract.

10.2.3. Any other remedies available in law or equity.

11. MISCELLANEOUS:

11.1. Contract Manager: During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

Contract Manager: _BRADLEY HAMEL_
Telephone Number: _724-820-1818_
Fax Number: _724-820-1828_
Email Address: _bhamel@tier1technologies.com_

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Printed Name and Title) _BRADLEY HAMEL, DIRECTOR_

(Address) _67 E. PIKE ST., CANONSBURG, PA 15317_

(Phone Number) / (Fax Number) _724-820-1818 / 724-820-1828_

(email address) _bhamel@tier1technologies.com_

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation/Contract for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; that I am authorized by the Vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on Vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

TIER ONE TECHNOLOGIES, LLC
(Company)

Bradley Hamel
(Signature of Authorized Representative)

BRADLEY HAMEL, DIRECTOR
(Printed Name and Title of Authorized Representative) (Date)

_724-820-1818 / 724-820-1828_
(Phone Number) (Fax Number)

bhamel@tier1technologies.com
(Email Address)

Revised 8/24/2023