



# 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.

## Header

List View

### General Information

Contact

Default Values

Discount


Document Information

Procurement Folder: 38379

SO Doc Code: CRFQ

Procurement Type: Central Master Agreement

SO Dept: 0702

Vendor ID:  

SO Doc ID: TAX1500000005

Legal Name: ADVIZEX TECHNOLOGIES LLC


Published Date: 10/15/14

Alias/DBA:

Close Date: 10/28/14

Total Bid: \$125.00

Close Time: 13:30

Response Date:  

Status: Closed

Response Time:

Solicitation Description:

Total of Header Attachments: 0

Total of All Attachments: 0



Purchasing Division  
 2019 Washinton Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

**State Of West Virginia  
 Solicitation Response**

**Proc Folder :** 38379

**Solicitation Description :** ADDENDUM #1 - ORACLE DATABASE ADMINISTRATOR

**Proc Type :** Central Master Agreement

Date issued	Solicitation Closes	Solicitation No	Version
	2014-10-28 13:30:00	SR 0702 ESR10281400000000746	1

**VENDOR**

000000181088  
 ADVIZEX TECHNOLOGIES LLC

**FOR INFORMATION CONTACT THE BUYER**

Evelyn Melton  
 (304) 558-7023  
 evelyn.p.melton@wv.gov

**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	Temporary information technology systems or database adminis	1.00000	HOUR	\$125.00	

Comm Code	Manufacturer	Specification	Model #
80111609			

<b>Extended Description :</b>	SERVICES OF AN ORACLE DATABASE ADMINISTRATOR -ADDENDUM #1 ISSUED TO PROVIDE RESPONSES TO VENDORS' QUESTIONS REGARDING THE ABOVE SOLICITATION.
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Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Temporary information technology systems or database adminis	1.00000	HOUR	\$59.85	

Comm Code	Manufacturer	Specification	Model #
80111609			

**Extended Description :** SERVICES OF AN ORACLE DATABASE ADMINISTRATOR  
-ADDENDUM #1 ISSUED TO PROVIDE RESPONSES TO VENDORS' QUESTIONS REGARDING THE ABOVE SOLICITATION.



Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

State of West Virginia  
 Request for Quotation

Proc Folder: 38379

Doc Description: ADDENDUM #1 - ORACLE DATABASE ADMINISTRATOR

Proc Type: Central Master Agreement

Date Issued	Solicitation Closes	Solicitation No	Version
2014-10-15	2014-10-28 13:30:00	CRFQ 0702 TAX1500000005	2

**BID RECEIVING LOCATION**

BID CLERK  
 DEPARTMENT OF ADMINISTRATION  
 PURCHASING DIVISION  
 2019 WASHINGTON ST E  
 CHARLESTON WV 25305  
 US

**VENDOR**

Vendor Name, Address and Telephone Number:

Advizex Technologies  
 803 Quannier St.  
 Suite 300  
 Charleston, WV 25301  
 304-465-3301

**FOR INFORMATION CONTACT THE BUYER**

Evelyn Melton  
 (304) 558-7023  
 evelyn.p.melton@wv.gov

Signature X

*Mika Botte*

FEIN #

37-1504-931

DATE

10/28/14

All offers subject to all terms and conditions contained in this solicitation

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF MASON BUILDING 1206 QUARRIER ST, STE 2	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Temporary information technology systems or database adminis	1.00000	HOUR	\$ 125.00	\$ 125.00

Comm Code	Manufacturer	Specification	Model #
80111609			

**Extended Description :**

SERVICES OF AN ORACLE DATABASE ADMINISTRATOR

-ADDENDUM #1 ISSUED TO PROVIDE RESPONSES TO VENDORS' QUESTIONS REGARDING THE ABOVE SOLICITATION.

<b>TAX1500000005</b>	<b>Document Phase</b> Final	<b>Document Description</b> ADDENDUM #1 - ORACLE DATABASE ADMINISTRATOR	<b>Page 3</b> <b>of 3</b>
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**ADDITIONAL TERMS AND CONDITIONS**

See attached document(s) for additional Terms and Conditions



**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: CRFQ TAX150000005**

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)

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6  |
| <input type="checkbox"/> Addendum No. 2            | <input type="checkbox"/> Addendum No. 7  |
| <input type="checkbox"/> Addendum No. 3            | <input type="checkbox"/> Addendum No. 8  |
| <input type="checkbox"/> Addendum No. 4            | <input type="checkbox"/> Addendum No. 9  |
| <input type="checkbox"/> Addendum No. 5            | <input type="checkbox"/> 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.

AdvizeX Technologies  
Company

Mike Belsky  
Authorized Signature

10/28/14  
Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

**CERTIFICATION AND SIGNATURE PAGE**

By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained herein; that I am submitting this bid, offer or proposal for review and consideration; 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.

Advizex Technologies  
(Company)

Mika Bostaph, Mika Bostaph, Enterprise Sales Associate  
(Authorized Signature) (Representative Name, Title)

304-665-3301, 304-345-2928, 10/28/14  
(Phone Number) (Fax Number) (Date)

STATE OF WEST VIRGINIA  
Purchasing Division

**PURCHASING AFFIDAVIT**

**MANDATE:** Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

**EXCEPTION:** The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

**DEFINITIONS:**

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

**AFFIRMATION:** By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

**WITNESS THE FOLLOWING SIGNATURE:**

Vendor's Name: Advizex Technologies

Authorized Signature: Melissa Brattford Date: 10/21/14

State of Ohio

County of Cuyahoga, to-wit:

Taken, subscribed, and sworn to before me this 21<sup>st</sup> day of October, 2014

My Commission expires September 24<sup>th</sup>, 2018

AFFIX SEAL HERE

NOTARY PUBLIC

Cynthia A. Manley  
Purchasing Affidavit (Revised 07/01/2012)



CYNTHIA A. MANLEY  
NOTARY PUBLIC, STATE OF OHIO  
My Commission Expires 9/24/2018



# State of West Virginia VENDOR PREFERENCE CERTIFICATE

Certification and application\* is hereby made for Preference in accordance with *West Virginia Code*, §5A-3-37. (Does not apply to construction contracts). *West Virginia Code*, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the *West Virginia Code*. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Vendor Preference, if applicable.

1. **Application is made for 2.5% vendor preference for the reason checked:**

- Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or**,
- Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or** 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or**,
- Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; **or**,

2. **Application is made for 2.5% vendor preference for the reason checked:**

- Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or**,

3. **Application is made for 2.5% vendor preference for the reason checked:**

- Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or**,

4. **Application is made for 5% vendor preference for the reason checked:**

- Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; **or**,

5. **Application is made for 3.5% vendor preference who is a veteran for the reason checked:**

- Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; **or**,

6. **Application is made for 3.5% vendor preference who is a veteran for the reason checked:**

- Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

7. **Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with *West Virginia Code* §5A-3-59 and *West Virginia Code of State Rules*.**

- Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

**Under penalty of law for false swearing (*West Virginia Code*, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.**

Bidder: Advizex Technologies

Signed: M. J. [Signature]

Date: 10/21/14

Title: Enterprise Sales Associate

## Charles Kaliku

### Professional Summary

Active DoD **SECRET** Clearance (**US Citizen**).

- Extensive experience designing physical and logical database with the primary responsibilities for definition, creation, and maintenance of enterprise databases within the computing environments
- Ensure data recovery, performance tuning, maintenance, data integrity, and space requirements for physical databases are met through formulations and monitoring of policies, procedures, and standards relating to database management best practices
- Experience configuring connectivity between Oracle and non-Oracle databases
- Ensure solutions meet the business objectives and establishes and maintain a high level of user trust and confidence in my knowledge of users' business needs
- Thorough knowledge of database networking, Oracle 11g Grid and 12c Cloud Control, advanced features of Oracle like RMAN, ASM, RAC, and Data guard
- As a Senior DBA, I have a thorough understanding of Software development Life Cycle (SDLC)

### PROFESSIONAL EXPERIENCE

#### US Army Project:

Acquisition, Logistics, Technology, Enterprise, Systems, and Services (PD ALTESS)  
(September 2008 to Present)

Sr. Oracle DBA – Consultant

**IBM, Radford, VA (April 2014 to July 2014)**

**Deloitte Consulting, Radford, VA (May 2009 to March 2014)**

- Configured, Implemented, and Managed Oracle Real Application Cluster
- Installed, configured, and managed Oracle Cloud Control 12c
- Upgraded Oracle Cloud Control 12c from 11.1.0.3.0 to 12.1.0.2.0; from 12.1.0.2.0 to 12.1.0.3.0 and applied the applicable PSU
- Deployed and upgraded Oracle Agents using Oracle Cloud Control 12c
- Installed and Managed Oracle Automatic Storage Management (ASM)
- Installed and configured Oracle 10gR2, 11gR1, and 11gR2, Application server, 10gAS, 10g Release 2 on Sun Solaris and RedHat Linux
- Installed Oracle Grid Control, scheduled jobs, and Monitored the Systems and all Databases, and other applications and Plugins
- Applied Oracle patches and bug fixes for Oracle database
- Cloned and refreshed Oracle databases from one environment to another
- Created and Managed tables, partition tables (range, list, hash and composite), indexes, and data dictionary
- Designed and deployed backup and recovery strategy, using Oracle Recovery Manager (RMAN), shell scripts, import and export and Integrate Veritas Netbackup with RMAN
- Performed database performance tuning activities - undertook troubleshooting, researched and found resolution of complex database problems by closely monitoring and tuning database performance issues; identified problems and implemented solutions; ensured the database is running at optimum speed and with efficiency---tuning and optimization of



- Database Buffer cache, db\_cache, Library cache, Dictionary cache and PGA; SQL statements using scripts, Oracle Statspack, Oracle trace, TKPROF, Automatic Workload Repository (AWR), Automatic Database Diagnostic Monitor (ADDM), Automatic SQL Tuning, OEM , Spotlight, and Toad
- Performed database reorgs and index rebuilds to reclaim spaces and optimize database performance
  - Run STIG on Oracle environment to comply with DoD STIG requirements
  - Performed weekly audit of the environment to stay in compliance with DoD STIG requirements

**Technical Environment:**

- Provided IT support and resources to a diverse community of customers in a cost effective and timely manner
- Developed process controls to support the client community more efficiently and effectively, which extends from the local facility to hosted customers and the DoD acquisition community worldwide
- Met the software and hardware needs of the internal workforce as well as those Of the Client's customers within the constraints of declining or minimal- growth DoD budgets and tightened US Army Information Assurance mandates
- Redesigned and rebuilt poorly maintained database servers (Lack of repeatable processes for database installation, poor implementation of database backups, inconsistent monitoring of database backups, undocumented and untested disaster recovery procedures for database servers, move non-production data off of production servers and establish separate development, test, and production processing environments)
- Managed Oracle Management Services (OMS) communication between the server and Oracle Grid Control 11g and Oracle Cloud Control 12c
- Troubleshoot reasons for broken schedule jobs on Oracle Grid Control 11g and Oracle Cloud Control 12c

*Scope and Approach:*

- Established and maintained a partner-focused working relationship with the Client to provide the maximum level of management and support to all Client's operations in a consistent fashion
- Defined, established, and maintained best practices for all database management systems
- Established and maintained consistent naming conventions for the Development, Test, and Production processing environments
- Integrated the testing phase of the project lifecycle into every release to prevent deployment failures and reduce costs
- Ensured Information Assurance compliance for the Client and the client's data
- Provided database support for Oracle Database resources including:
  - Daily monitoring and support of all database systems and
  - Daily monitoring of database backups
  - Regular testing of disaster recovery procedures
  - Regular patching of database systems to maintain Army Information Assurance Vulnerability Alert (IAVA) compliance
  - Implement database system controls that conform to the DISA (Defense Information Systems Agency), SRR (Security Readiness Review), and Security Technical Implementation Guidelines (STIGs)
  - Upgrading of database systems to stay current with vendor supported versions
  - Worked with the Information Assurance (IA) team to conduct regular audits of the database systems at all levels

- Provided advice, guidance, and support for application teams in the design, implementation, and optimization of data structures for their applications
- Migrated Client data and its customers' data from older versions of database software to newer, supported versions of database software
- Built and maintained centrally managed, highly available, fault tolerant databases using Oracle Grid Control, Oracle RAC (Real Application Cluster), and Oracle SunCluster technology
- Consolidated Oracle database clusters that comply with all Army Information Assurance directives and guidelines
- Ensured compliance with the Army's Information Assurance Vulnerability Management (IAVM) program, and facilitated deployment of appropriate patches by required suspense dates
- Researched, developed, implemented and maintained information security policies and standard operating procedures within the context of both compliance and continual service improvement
- Standardize processes to make monitoring and maintaining a large number of databases easier and less error prone for the Client—these documented, repeatable processes help ensure that all installs look, work, and perform alike, which in turn reduces administrative costs and provides more robust, fault tolerant databases for the customer
- Designed and planned disaster recovery procedures for database servers
- Tested disaster recovery procedures for database servers on a regular basis
- Created documentation for undocumented database servers
- Segregated the Sandbox, Development, Test, and Production processing

**BearingPoint, Radford, VA (January 2008 to May 2009)**

**TekSystems, Radford, VA (September 2008 to January 2009)**

- Installed and configured Oracle 10GR2, Application server, 10GAS, 10G Release 2 on Sun Solaris
- Performed database reorgs and index rebuilds to reclaim space and optimize database performance
- Applied Oracle patches and bug fixes for Oracle database and Oracle Application Server
- Cloned and refreshed Oracle databases from one environment to another
- Managed transaction logs, redo logs and archive logs
- Created and managed tables, partition tables (range, list, hash and composite), indexes, and data dictionary
- Installed and configured Oracle Collaboration Suite 9i/10G in standalone and High Availability Multi-Tier environments, to include Secure Socket Layer (SSL) Configuration and Administration, Oracle Mail, Oracle Calendar, Oracle Content Services, Oracle Real-Time Collaboration, Oracle Discussions, Oracle Workspaces, Oracle Collaboration Suite Search, Oracle Collaboration Suite Control and WebCache
- Installed, administered, maintained and troubleshoot Oracle Application Server 10g Release 2 in standalone and High Availability Multi-Tier Clustered environments to include Secure Socket Layer (SSL) Configuration and Administration, OC4J Instance Management, OracleAS Webcache, Instance Cloning, and Backup and Recovery
- Designed and deployed backup and recovery strategy, using Oracle Recovery Manager (RMAN), shell scripts, import and export and Integrate Veritas Netbackup with RMAN
- Performed database performance tuning activities: undertook troubleshooting, research and finding resolution of complex database problems by closely monitoring and tuning database performance issues; identified problems and implement solutions; ensure the database was running at optimum speed and with efficiency (tuning and optimization of Database Buffer cache, db\_cache, Library cache, Dictionary cache and PGA); SQL statements using scripts, Oracle Statspack, Oracle trace, TKPROF, Automatic Workload Repository (AWR), Automatic Database Diagnostic Monitor (ADDM), Automatic SQL Tuning, OEM, Spotlight, and Toad
- Configured the Oracle environment and run STIG software to comply with DoD STIG

- requirements
- o Performed weekly audit of the environment to stay in compliance with DoD STIG requirements

**Optimum Tech Inc., Atlanta, GA (June 2006 to September 2008)**

Oracle Database Administrator

- o Installed, configured and managed Oracle 9i and 10G Real Application cluster (RAC) on Linux and Solaris Unix servers
- o Performed migration of Oracle 9G to Oracle 10G, 10G to 11G; upgrade from 9G to 10G, and 10G to 11G: named of a few versions: 9.2.0.6 to 9.2.0.7, 10.2.0.5 to 11.1.0.1 and 11.1.0.1 to 11.2.0.3
- o Performed configuration of Data Guard, and switchover activities as the need arises
- o Performed object level, session, logon and system wide database audits of users to ensure user compliance with corporate security and controls standard, and SOX Act
- o Used Oracle logminer utility for auditing Oracle databases, and to analyze and extract database object changes
- o Used Flash Back option for quick recovery of dropped database tables, as well as rolling back the database to a point in time
- o Created and configured high availability databases, using standby databases, and data guard to guard against system failure
- o Installed and configured Oracle Enterprise Manager for monitoring and management of databases
- o Used SQL-LOADER, import and export, and Data Pump to load data into the database
- o Interfaced with vendors, project implementation groups & end users
- o Managed a combination of small, medium-sized and large scale projects in a fast-paced environment

**Guardian Life Insurance Company, New York, NY (September 2004 to May 2006)**

Oracle Database Administrator

**Solomon-Page Group, New York, NY (June 2001 to August 2004)**

Oracle Database Administrator

**Mitchell and Titus, CPAs, New York, NY (March 1999 to May 2001)**

Staff Accountant

**Smartech IT Training Institute, Inc., Atlanta, GA**

10/98 – 3/99

**Prager and Fenton, CPAs, New York, NY (January 1998 to October 1998)**

Staff Accountant – Audit / Tax

**TECHNICAL SUMMARY**

**DATABASE / APPLICATIONS / TOOLS**

Oracle 9i, 10g, 11g, and 12c; 10g and 11g Real Application Cluster (RAC) and Veritas Cluster; RMAN, Veritas Netbackup; Oracle Automatic Storage Management (ASM). Oracle OEM, Grid Control, and Cloud Control, Oracle Statspack, UNIX Raw Devices;

**DEVELOPMENT TOOLS:** ERWIN and MS-Visio; Quest Tools-Toad, Microsoft Developer, and Spotlight – project experience.

**Hardware / OPERATING SYSTEMS:** Sun Solaris, AIX, HP-UX, Red Hat Linux, and Windows (NT and XP) - project experience.

**Middleware / Database:** Oracle Database and Microsoft SQL Server (Cross Trained)

**General Tools:** Microsoft: Excel, Word, Access, Power Point, and Remedy – project experience.



*Language:* Shell scripting, SQL, PL/SQL, and Visual Basis (5.0 and 6.0).

### **Education, Training, and Certification**

Bachelor of Science, Accounting: CUNY University – Brooklyn College - 06/97

Bachelor of Arts, Philosophy: CUNY University – Brooklyn College – 06/97

- **Oracle University**, Reston, VA. (Oracle 12c New Features) – 03/14 – 3/14
- **Oracle University**, Reston, VA. (RAC and ASM) – 01/12 – 1/12
- **Oracle University**, Reston, VA. (Oracle Golden Gate) – 04/12 – 04/12
- **Oracle University**, Reston, VA. (Oracle Spatial) – 02/08 – 02/08
- **Smartech IT Training Institute**, Atlanta, GA. – (SQL, PL/SQL, UNIX and Oracle Database) - 10/98-03/99

CompTIA Security+, DoD Information Assurance, IAF (Mgt Level 1), Information Assurance Fundamentals.