Technical Proposal for

State of West Virginia
Department of Transportation

Mainframe Programmer Application Analyst

Request for Quotation
6314C0017

InterBase
www.interbasecorp.com

Proposed By:

InterBase Corporation
22485 La Palma Ave. Suite 200-D, Yorba Linda, CA 92887

Contact:
Dave Dutta
Email: dave@interbasecorp.com
Ph: 714-783-7663
Web: http://www.interbasecorp.com

Cover Letter

Crystal Rink
2019 Washington Street, East
Charleston, WV 25305

Greetings,

It is our pleasure to respond to State of West Virginia Department of Transportation RFQ #6314C0017 for the purpose of selecting One Mainframe Application Programmer Analyst as per the skill and experience detailed provided on the RFQ document.

A brief overview of our proposal:

- We have more than 14 years of experience working with government entities/public sector Customers. E.g. State of SC, State of NC, State of OR, State of PA etc. for various skills categories including Mainframe Analyst and programmer roles.
- We comply with the all the terms and insurance requiring by this RFP
- We affirm that InterBase is not being under suspension or debarment by any state or federal government agency.
- We are proposing Three (3) best qualified consultant for this position. If selected any of them are ready to relocate at Charleston, WV ands can start the project within 10 days notice.

InterBase Corporation is a premier IT Services Company with outstanding capabilities. Our minority business accreditations bring a diverse background and creative solutions. Our company has obtained a large resource pool of experts that possess the skills needed to successfully complete your projects. We will demonstrate that our organization brings value, quality processes and diversity at a competitive price.

InterBase is a financially stable firm with extensive experience in providing Information Technology workforce services. We have extensive experience on large, multi-year engagement contracts and have significant experience in delivering resources similar to this requirement.

InterBase understands and agrees to the Direction and Background information of this contract and complies with all the terms mentioned herein. Also acknowledge that this proposal will be valid for 90 days from the opening day of the proposal.

Thank you in advance for considering our proposal. If you have any questions about the enclosed information please do not hesitate to contact me at (714) 783-7663

Sincerely,

Dave Dutta

Dave Dutta
Manager Business Development| InterBase Corporation
Email: dave@interbasecorp.com

Executive Summary

Administrative Information

Firm's Legal Name: **Interbase Corporation**	
Firm Parent or Ownership:	
Address: **22485 La Palma Ave. Suite 200-D, Yorba Linda , CA 92887**	
Firm Telephone No. 714-783-7663	Firm Fax No. (714) 701-6330
Firm's Tax I.D. Number: 33-0757883	Incorporated: **YES_X____ NO_____**
Legal form of company: (partnership, corporation, joint venture) **Corporation**	
Length of time your firm has been in business: **16 Years**	
Number of employees, number of clients **Employees: 20** **Clients: more than 100**	

Management person responsible for direct contact with the DCFS and service required for this Request for Proposal (RFP).

Name and Address: **Dave Dutta**	Title: **Manager - Business Development**
Telephone No.: **714-783-7663**	E-mail: **dave@interbasecorp.com**

Person responsible for the day-to-day servicing of the account:

Name and Address: **Dave Dutta**	Title: **Manager - Business Development**
Telephone No.: **714-783-7663**	E-mail: **dave@interbasecorp.com**

Proposed Project Staff

We are proposing Three (3) qualified resources this role. The resume of each can be found below.

Contract Manager: Dave Dutta
Telephone number: 714-783-7663
Fax Number: (714) 701-6330
Email Address: dave@interbasecorp.com

Resume: Robert E. Wininger

"A computer software consultant with 25 years of experience in the analysis, design, development, coding, testing, documentation and implementation of various applications. Work experience includes 25 years of COBOL and COBOL2, 21 years of CICS, 13 years of DB2 and 7 years of IMS/DB/DC.
Have a reputation of taking projects from start to finish with a minimum of supervision."

Technical Skills

Hardware: IBM – 370-390(OS), 3330(OS/MVS), 3081(MVS/XA), 3090(MVS/ES), z/OS

Software: DB2, IMS/DB/DC, CICS, VSAM, TSO/ISPF, MVS JCL, JES2, XPEDITER, FILEAID,
INFOMAN, CHANGEMAN,
IDCAMS, MS WINDOWS, SPUFI, INTERTEST, IBM FILE MANAGER, FAULT
ANALYZER AND DEBUG, BMS, CA-7, CA-11, MQ, CEDF. SQL, SDLC, INSYNC

Languages: COBOL, COBOL2, COBOL 370, COBOL 390, ENTERPRISE COBOL,
EASYTRIEVE, LIBRARIAN, DYLAKOR, PANVALET, PANEXEC, ROSCOE,
ENDEVOR, MICROFOCUS COBOL

10/12 to 05/13   **Fidelity Investments – Westlake,**
Texas

Developed the procedures downloading data from the production DB2 tables of the Tax Accounting
System to transmit and build test tables for a better system testing environment. The procedure required
the download of selected accounts from the production DB2 tables to files, using File Transfer Protocol to
transmit the files from the production platform to the test platform and then loading the DB2 tables to the
test platform. Created a full test system that mirror imaged the production job streams of the daily cycle
and set up to run daily to test necessary system enhancements with better integration and acceptance
testing..
Skills Utilized: DB2, VSAM, CICS, COBOL2, MVS JCL, JES2, XPEDITER, MS WINDOWS,
TSO/ISPF, ENDEVOR, EASYTRIEVE, SPUFI, FILEAID, CA-VIEW, INTERTEST, SHAREPOINT,
BMS, NDM, FTP and CNTL-M.

10/10 to 10/12   **Department of Information Services Arkansas Driver's License**
Little Rock, Arkansas

Responsible for the new programs and program modifications that were required to integrate the self-
certification of driving type and medical certification status as part of the commercial driving license
system. On the project team responsible for system modifications to replace the current vendor hardware
in all Arkansas state drivers' license offices that produced Arkansas driver's license. Completed the
redesign and modifications to the current batch and online programs, did unit testing, system testing,
integration testing, documentation and finally implementation to interface to the new vendor hardware.
Team member on the detail design, programming, unit testing, system testing, and integration testing and
finally implementation of the concept of Real ID and commercial drivers licenses in support of federal
regulations.

Skills Utilized: DB2, VSAM, CICS, COBOL2, MQ Series, MVS JCL, JES2, XPEDITER, MS
WINDOWS, TSO/ISPF, ENDEVOR, EASYTRIEVE, SPUFI, BMS, NDM, FTP, RACF and CNTL-M.

11/09 to 10/10   **United Services Automobile Association**
San Antonio, Texas
Team member on the detail design, programming, unit testing, integration testing and system testing and
finally implementation of the Consumer Loan and Home Equity Loan Collections System which
interfaces with the GCI CACS (Computer Assisted Collection System). The system was highly

modularized using Cache modules for all input/output file and DB2 accesses and very specific small modules for all other type of processing to assist in debugging if any system abends.

Skills Utilized: DB2, VSAM, CICS, COBOL2, MQ Series, MVS JCL, JES2, SCM (Source Code Management), XPEDITER, MS WINDOWS, TSO/ISPF, EASYTRIEVE, SPUFI, BMS, NDM, FTP, RACF, TMF Tables (Table Management Facility) and CNTL-M.

05/09 to 11/09   Wachovia/Wells Fargo
                                                                 San Antonio, Texas

Responsible for the modifications to programs, copy and control library members, JCL and procs required to accommodate the acquisition of Wachovia Home Loan Servicing system and converting to Wells Fargo standards. Worked on the replacement of FILEAID in the production batch processing JCL and procs with the InSync product. Worked on the encryption of sensitive data for system files. Partnered with QA team in system testing and integration testing prior to implementation.

Skills Utilized: DB2, VSAM, CICS, COBOL2, FILEAID, MVS JCL, JES2, CHANGEMAN, XPEDITER, MS WINDOWS, TSO/ISPF, EASYTRIEVE, SPUFI, BMS, NDM, Mobius, FTP, RACF AND INSYNC

06/08 to 05/09   **Aegon Direct Marketing Services**
                                                                 Plano, Texas
Responsible for the modifications to the Genesys system, required to accommodate the addition of new Carriers and Divisions. The main focus was to allow the new Carriers and Divisions to process though the current on-line screens, mainframe jobs and interface correctly to all finance jobs without issues. Worked on the encryption and decryption of credit card and bank account information project, to modify business partner interface processes of billing and file maintenance. Used FTP (FileTransfer Protocol) and NDM (Connect Direct) to upload and download the encrypted and decrypted data to and from the servers and mainframe. Assisted QA in system testing and integration testing on all modifications prior to implementation.

Skills Utilized: DB2, VSAM, CICS, COBOL2, FILE MANAGER, MVS JCL, ENDEVOR, MS WINDOWS, TSO/ISPF, JES2, DYLAKOR, SPUFI, BMS, $AVRS, NDM, Mobius, FTP ,FAULT ANALIZER AND DEBUG

01/08 to 06/08   Wachovia
                                                                 San Antonio, Texas
Assisted in the modifications to programs, copy and control library members, JCL and procs required to accommodate the acquisition of the Golden West (World Savings) Home Loan Securitization system and converting to Wachovia standards. This involved moving the system from the Golden West San Antonio mainframe to the Wachovia Charlotte mainframe. Used FTP (File Transfer Protocol) to move data to and from mainframes and servers. Assisted QA in system testing and integration testing for the implementation of the transferred production system.

Skills Utilized: DB2, VSAM, CICS, COBOL2, FILEAID, MVS JCL, JES2, CHANGEMAN, XPEDITER, MS WINDOWS, TSO/ISPF, EASYTRIEVE, SPUFI, BMS, NDM, FTP AND RACF

08/06 to 01/08

Blue Cross Blue Shield of Texas
Richardson, Texas

Completed the analysis and design documentation required to accommodate the National Provider Number in the Integrated Medical Management System. Analysis through implementation of several conversion modules and report generating modules in support of BCBS moving from multiple medical management systems to the single enterprise system CarePlanner Web. Assisted QA in verifying the system testing and integration testing prior to implementation.

Skills Utilized: DB2, VSAM, CICS, COBOL2, FILEAID, MQ, MVS JCL, JES2, ENDEVOR, XPEDITER, MS WINDOWS, TSO/ISPF, RACF, SPUFI

01/05 to 08/06

Region 10 Education Service Center
Richardson, Texas

Responsible for the analysis through implementation of the DB2/VSAM batch portion of the Web based payroll check stub/direct deposit informational system. Completed new development and many enhancements for the payroll/personnel and finance areas dictated by the users. Assisted QA in system testing and integration testing of all system changes.

Skills Utilized: DB2, VSAM, CICS, COBOL2, MVS JCL, JES2, FILE MANAGER, MS WINDOWS, TSO/ISPF, ROSCOE, HTML, SPUFI, FAULT ANALIZER AND DEBUG

6/03 to 01/05

TSYS – Columbus, Georgia

Responsible for the analysis, design, coding, testing, documenting and implementation of the PIN exclusion project which included adding a DB2 table two new CICS screens, batch processing and MQ series for the Integrated Payments System to have the ability to exclude certain Client dictated password PIN's. Completed the entire Stand-In Monthly Report project from the user request to the successful implementation. Worked with QA in testing all system changes prior to production.

Skills Utilized: DB2, VSAM, CICS, COBOL2, FILEAID, MVS JCL, JES2, ENDEVOR, FILE MANAGER, XPEDITER, MS WINDOWS, TSO/ISPF, IMS, CA-7, CA-11, RACF, FAULT ANALIZER AND DEBUG, MQ

8/01 to 6/03

J P Morgan Chase
Dallas, Texas

Worked on the Trust Information Transaction Accounting Network System (TITAN) stream-lining the processing of securities transactions. Researched, designed, coded and tested changes that were required for the conversion of the GNMA's being moved from Participant Trade Company eligible to being Federal Reserve Bank eligible.

Skills Utilized: DB2, VSAM, CICS, COBOL2, FILEAID, MVS JCL, JES2, ENDEVOR, PANVALET, XPEDITER, MS WINDOWS, TSO/ISPF, CA7 & CA11

3/01 to 8/01

Burlington Northern Santa Fe Railroad
Ft. Worth, Texas

Worked on the Capital Projects and Fixed Assets systems in support of the Property Accounting department. Writing and testing many new programs and made numerous modifications and tested programs to support changes dictated by the users. Modified and tested the Capital Master VSAM file expansion project, the automated building closeout project and the buildings automation project.

Skills Utilized: DB2, VSAM, CICS, COBOL2, FILEAID, MVS JCL, JES2, MS WINDOWS, TSO/ISPF, SPUFI, INTERTEST, CEDF, LIBRARIAN, CA-7, CA-11, RACF, INFOMAN, CHANGEMAN

8/00 to 3/01   **MBNA - Dallas, Texas**

Coded and tested on the generic conversion system, adding the capability for cardholders to have multiple options available when responding to multiple solicitation offers. System enhancement required the addition of two DB2 tables and the associated coding changes and testing to the system. Team member on the Points System designing, modifying and testing as per customer's requests for changes to the system.

Skills Utilized: DB2, VSAM, CICS, COBOL2, FILEAID, MVS JCL, JES2, ENDEVOR, MS WINDOWS, TSO/ISPF, SPUFI, XPEDITER, PANVALET, PANEXEC, EASYTRIEVE, CA-7, CA-11, RACF

4/99 to 8/00   **Citibank - Sioux Falls, South Dakota**

Member of the AWS (Advanced Workstation) group responsible for modifying and testing the batch and online programs to run in the OS/390 1.3 and LE (language environment) 1.7 which provided common services and language specific routines in a single run-time environment. Team member on the project that added and tested the code to accommodate the portfolio of the AT&T Universal Card that Citibank acquired and converted to their credit card processing system. Coded and tested many of the batch and online program changes to support the Balance Conversion for Fee, World Master Card and the Citi Charge Card projects for the major releases of the credit card processing system. I wrote and tested new CICS programs to support the Extended Payment Plan for the Greek Citibank Visa and Master Card products.

Skills Utilized: DB2, VSAM, CICS, COBOL2, FILEAID, XPEDITER, MVS JCL, JES2, MS WINDOWS, TSO/ISPF, SPUFI, CEDF, LIBRARIAN, CHANGEMAN, INFOMAN,CA-7, CA-11, RACF

6/98 to 4/99   **Frito Lay - Plano, Texas**

Member of the Cost Management Team responsible for the development, testing and implementation of the new Cost of Manufacturing System. Provided baseline support for the Cost of Manufacturing and Finished Goods systems.

Skills Utilized: DB2, IMS/DB/DC, COBOL2, FILEAID, XPEDITER, MVS JCL, JES2, MS WINDOWS, TSO/ISPF, SPUFI, CEDF, INTERTEST, LIBRARIAN, EASYTRIEVE, DYLAKOR, CA-7, CA-11, RACF

7/88 to 6/98   **Alliance Data Systems / J.C. Penney Business Services**
                                                                                                    Dallas, Texas

Detail design through implementation of the customer batch reconciliation CICS online system. Totally responsible for the analysis though implementation of the Automated Collection Invoice Billing project including modifying the current CICS online system to capture information each time an account in collections was worked. Worked on the credit card authorization and collection system doing detail design through implementation of modifications to the CICS system. Assisted in the installation of modifications for new client requirements on the proprietary credit card CICS system which processes credit transactions from new accounts, billing, invoices and form letters. Set up the nightly credit card processing on Microfocus Cobol so we could test on our PC's rather than using the mainframe for testing.

Skills Utilized: DB2, IMS/DB/DC, VSAM, CICS, COBOL2, FILEAID, XPEDITER, MVS JCL, JES2, SPUFI, INTERTEST, MS WINDOWS, TSO/ISPF, ROSCOE, LIBRARIAN, MICROFOCUS COBOL, EASYTRIEVE, CEDF, DYLAKOR, CA-7, CA-11, RACF

End of resume

Contract Manager: Dave Dutta
Telephone number: 714-783-7663
Fax Number: (714) 701-6330
Email Address: dave@interbasecorp.com

Resume: Kathy A. Morgan

*"Past experience with **WV, Dept of Transportation**. Worked with vendors in the production of the identification cards for the **Driver's System (DMV)**. Designed JCL for a secure FTP site that transferred data to the Rapid Emergency Deployment System. Maintained existing Driver's System applications. Met with users in the design and implementations of various applications and system enhancements."*

Office Assistant   01/13- Present
Custom Construction Company   Charleston, WV 25301

Maintain company records of debit and credit activities. Write proposals, contracts, and invoices. Meet with homeowners to help define scope of a project.

Programmer/Analyst II   08/10-06/12
Workforce WV   Charleston, WV 25315

Designed, developed, modified and maintained existing complex batch and on-line applications for a mainframe multi-tiered Unemployment Compensation system. Complied with federal and state regulations /guidelines. Consulted with users in the design of new applications, tested and implemented changes or designed system changes.

Extensive experience in the use of TSO, ISPF, VSAM/MVS, RACF, CICS, COBOL2, DYL280, SDF2, BMS and JCL on the OS/IBM390. Also, have experience in Control-M, SQL, PL/SQL and DB2.

Created intranet applications using HTML and JavaScript within interactive CICS.

Wrote applications from segmented VSAM files (database structure) as well as standard VSAM files. Provided users with system documentation.

Programmer/Analyst II   02/06-06/08
WV Dept. of Transportation   Charleston, WV 25315

Coded and maintained DB2 for COBOL application programs and assisted in the design for the federally mandated Real Identification System. Worked with vendors in the production of the identification cards for the Driver's System(DMV). Designed JCL for a secure FTP site that transferred data to the Rapid Emergency Deployment System. Maintained existing Driver's System applications. Met with users in the design and implementations of various applications and system enhancements.

Programmer/Analyst II   12/04-07/05
WV Property Tax Division   Charleston, WV 25301

Performed Annual File Maintenance to roll data tax years forward. Loaded external coal data to value states producing and non-producing coal.
Provided flat file conversion data to be loaded to an Oracle database. Wrote documentation to provide department with the ability to perform these tasks independently. Provided reports and data for Legislative reporting. Provided data to outside vendors and state officials. Provided other outside contracting personnel with training to provide future support to agency.

Programmer/Analyst II   06/02-11/03
WV Bureau of Employment Programs   Charleston, WV 25315

Developed, modified and maintained existing complex batch and on-line applications for a mainframe multiple statewide system. Consulted with users to prepare new system programs and systems, tested and implemented changes or new applications.
Extensive experience in the use of TSO, ISPF, VSAM/MVS, RACF, CICS, COBOL2, DYL280, SDF2 and JCL on the OS/IBM390. Also, have experience in SQL and HTML.

Wrote applications from segmented VSAM files (database structure) as well as a standard VSAM files. Provided user and system documentation.

Programmer/Analyst II   01/94-06/02
WV Property Tax Division   Charleston, WV 25301

Developed, modified and maintained existing complex batch and on-line applications for a mainframe multiple statewide system. Consulted with users to prepare new system programs and systems, tested and implemented changes or new applications.
Extensive experience in the use of TSO, ISPF, VSAM/MVS, RACF, CICS, COBOL2, DYL280, SDF2 and JCL on the OS/IBM390. Also, have experience in SQL and HTML.
Provided user support to transfer system to an Oracle Database environment.
Experience in the use of BASIC, PLI, SAS, MS-DOS, UNIX, and Oracle 8 Developer 2000 and MS Access. Provided data to vendors and county officials. Provided RACF support for entire system. Wrote user and systems documentation. Spent time as sole in-house programmer for a five tier, 800-user system.

EDUCATION

West Virginia State College   Associates Computer Science
Institute, WV

West Virginia Career College   Associates Paralegal
Charleston, WV

End of Resume

Contract Manager: Dave Dutta
Telephone number: 714-783-7663
Fax Number: (714) 701-6330
Email Address: dave@interbasecorp.com

Resume: Al Armstrong

- *Performed analysis, design, programming and implementation of complex applications tasks and projects*
- *Develop procedures to resolve business problems through the use of both computer and manual resources*
- *Define scope and objectives for developing or modifying complex systems*
- *Created and reviewed detailed specifications and recommendations for modifications to systems and program code*
- *I have vast experience in the design, code, test and debugging complex application programs using various computer languages*
- ***Wrote conversion programs using COBOL, from VSAM to DB2 for the DMV License drivers***

TECHNICAL SUMMARY

HARDWARE	SOFTWARE	OPERATING SYS.	LANGUAGES
IBM Mainframe	CICS	MVS/XA	COBOL / COBOL II
DEC PDP 11/70	DB2	TSO/ISPF	QMF
Personnel Com.	Endeavor	UNIX	JCL
	IMS	Windows 95/3.1	FORTRAN
	VSAM	VSE/ESA	BASIC PLUS
	XPEDITER	DOS	PLUS-2
	SYBASE	QNX	MACRO II
	File-aid	RSTS-E	M6800
	IDMS		NATURAL
	Panvalet		
	ADABAS		
	NATURAL		**OTHER**
	FOXPRO		MS WORD
	ZIM		MS EXCEL
	CLIPPER		MS ACCESS
	FTP		

Professional Experience

03/ 09 – Present
I have been actively seeking employment in IBM Mainframes, which is my chosen field. Unfortunately, the period from March 2009 until present has been very depressed for the mainframe specialist.
To make ends meet, I have been working in the construction field during that period. Fortuntly my age, health and strength have adapted well to the subsitute field.

Please be assured my COBOL,DB2,CICS,JCL and mainframe skills are still sharp and my professional references supportive.

06/07 – 02/09   DMV of NY
Programmer Analyst:
- Experience coding in COBOL / CICS /DB2;
- **Wrote conversion programs using COBOL, from VSAM to DB2 for the DMV License drivers**
- Create new COBOL / CICS programs that access DB2 tables using SQL
- Modify existing COBOL / CICS programs that access DB2 tables by using SQL
- Test the data once convert to DB2 from VSAM
- Experience using SQL to access DB2, with DB2 stored procedures
- Meet weekly with end user to discussed their new requirements
- Experience interacting with users to obtain user requirements
- Document new requirement that end user require
- Experience in the preparation of test plans, test data and system testing

- Research problems that occur with overnight production runs, document and correct the programs
- Hold meetings to discussed the solution with other stake holds
- Test the changes and promote the changes to production
- Wrote in sync programs and JCL to compare VSAM file against the LRD databases (DB2)
- Code and unit Testing interfaces programs between the LRD databases (DB2) and other DMV applications using COBOL and CICS
- Write test case for the conversion and the in sync programs to check the conversion process
- Analysts production problems and create documentation, modify the programs
- Design Data enter, using AAMVA Data Standards..
- Use ENDEAVOR, FTP, SQL, SPUIF, QMF and ISPF
- Good analytical and technical skills
- Good written and verbal communication skills
- Experience working in a high pressure situation
- Experience interacting with users to obtain user requirements
- Experience preparing technical documentation
- Experience working in a team environment
- Have familiarity with application development life-cycle
- Work with Z/OS and Windows 2003 environment

08/08 – 10/08   Ottawa University
Programmer Analyst:
- Wrote a batch system that accept data from the OSP program and return with students current eligibility for receiving funding
- Meet with end user to discuss their needs
- Using NATURAL and ADABAS
- Work with Z/OS and Windows 2003 environment

12/06 – 06/07   Dept of Health, NY
Programmer Analyst
- Analyst COBOL & VSAM programs to gather the requirements to write specs for new programs
- Create test plans for new programs.
- Doing data conversion from IBM mainframe to Sun, using COBOL, JCL, FTP, UNIX, SYBASE, Stored Procedures
- Wrote new programs in COBOL and create JCL, per user requirements.
- Good analytical and technical skills
- Good written and verbal communication skills
- Experience working in a high pressure situation
- Experience interacting with users to obtain user requirements
- Experience in the preparation of test plans, test data and system testing
- Experience preparing technical documentation
- Experience working in a team environment
- Work with Z/OS and Windows 2003 environment

10/06 – 12/06   Argus
Programmer Analyst
- Coding and unit testing new programs to replace existing report program using COBOL II and DB2 .
- Research problems that occur overnight with production run, document and correct the programs.

- On call one week per month
- Use SPUIF and QMF for DB2
- Work with JCL
- Hold meetings to discussed the solution with other stake holds
- Test the changes and promote the changes to production
- Experience coding in COBOL /DB2;
- Experience using SQL to access DB2, preferably experience with DB2 stored procedures
- Good analytical and technical skills;
- Good written and verbal communication skills;
- Experience working in a high pressure situation;
- Experience interacting with users to obtain user requirements;
- Experience in the preparation of test plans, test data and system testing;
- Experience preparing technical documentation;
- Experience working in a team environment;
- Familiarity with application development life-cycle
- Work with Z/OS and Windows 2003 environment

02/06 – 10/06   CN Rail
Programmer Analyst
- Create and Executed Test Plans.
- Did maintenance and Development with COBOL II / DB2 and ADABAS / NATURAL
- Code and unit testing programs from the business analyst documents.
- Experience coding in COBOL / CICS /DB2
- Experience using SQL to access DB2
- Good analytical and technical skills;
- Good written and verbal communication skills;
- Experience working in a high pressure situation;
- Experience interacting with users to obtain user requirements;
- Experience in the preparation of test plans, test data and system testing;
- Experience preparing technical documentation;
- Experience working in a team environment;
- Familiarity with application development life-cycle
- Work with Z/OS and Windows 2003 environment

11/05 – 02/06   American Family Insurance
Programmer Analyst:
- Conduct walkthrough's for Design, Test and Code.
- Do maintenance and Development with Natural / ADABAS for online systems.
- Create and Executed Test Plans.
- Help with the SLDC process.
- Used ISPF and JCL
- Good analytical and technical skills;
- Good written and verbal communication skills;
- Experience working in a high pressure situation;
- Experience interacting with users to obtain user requirements;
- Experience in the preparation of test plans, test data and system testing;
- Experience preparing technical documentation;
- Experience working in a team environment;

- Familiarity with application development life-cycle
- Work with Z/OS and Windows 2003 environment

03/04 – 03/05   Investors Group
Programmer Analyst:

- Design programming specification from documentation supplied by the Business Analyst.
- Communicate with Business Analyst
- Conduct walkthrough's for Design, Test and Code.
- Did QA on other people code.
- Do maintenance and Development with Natural / ADABAS.
- Create and Executed Test Plans.
- Work with Z/OS and Windows 2003 environment
- Did business analyst with the customer

2/02 – 8/03   Nissan
Programmer Analyst: Team Leader

- Research problems that occur overnight with production run, document and correct the programs.
- On call one week per month
- Hold meetings to discussed the solution with other stake holds
- Test the changes and promote the changes to production
- Analyze client requests and modify, enhance or write new programs for both online and batch processing to meet the client's needs and communicated the end user on the new functions of the systems.
- Use Natural / ADABAS to data conversion with primary responsibility for maintaining the SERVICE CONTRACT SUMMARY for online and batch reports. The system, which
- Stores sales warranty information for all Nissan dealers and creates adhoc reports.
- On call for nightly batch processing, on a routing bases.
- Experience coding in COBOL / CICS /DB2
- Maintain the CPIA system,
- Troubleshoot ABENDS.
- Use ENDEAVOR, FTP, EXPEDITOR, Panvalet and ISPF
- Create Adhoc reports using SPUFI
- Use window office suite
- Interact with Clients and team member on daily bias
- Create and executed test plans
- Do QA on team members code
- Meet with user to define their requirements
- Experience using SQL to access DB2
- Good analytical and technical skills;
- Good written and verbal communication skills;
- Experience working in a high pressure situation;
- Experience interacting with users to obtain user requirements;
- Experience in the preparation of test plans, test data and system testing;
- Experience preparing technical documentation;
- Experience working in a team environment;
- Familiarity with application development life-cycle;

11/99 – 2/02   CapGemini Ernst & Young
Programmer Analyst, Sprint Contact
- Experience coding in COBOL / CICS /DB2
- Wrote a new system in COBOL/ CICS / DB2 known as PRODUCT CATALOGUE
- Perform analysis of new requests, for ENTERPRISE systems
- Research problems that occur overnight with production run, document and correct the programs.
- Hold meetings to discussed the solution with other stake holds
- Test the changes and promote the changes to production
- Write Detail Request Requirements (DRS) and Total Requirements Statements.
- Inform the User about the new functionally of the system.
- Perform troubleshooting for any problems the end users encounter.
- Use ENDEAVOR, FTP, EXPEDITOR, and ISPF
- Create adhoc reports using SPUFI
- Do QA on team members code
- Transfer information between the Mainframe and PC Servers
- Interact with Clients and team member on daily bias
- Meet with user to define their requirements
- Experience using SQL to access DB2,
- Good analytical and technical skills;
- Good written and verbal communication skills;
- Experience working in a high pressure situation;
- Experience interacting with users to obtain user requirements;
- Experience in the preparation of test plans, test data and system testing;
- Experience preparing technical documentation;
- Experience working in a team environment;
- Familiarity with application development life-cycle

12/98 – 11/99   S.C. Johnson Wax
Programmer Analyst
- Experience coding in COBOL / CICS /DB2
- Perform analysis of new requests, designing programs, and code and test various projects.
- Performed troubleshooting for any problems the end users encounter.
- This application is in Natural / ADABAS, COBOL, DB2, CICS MVS Operating systems.
- Research problems that occur overnight with production run, document and correct the programs.
- Use window office suite
- Use ENDEAVOR, FTP, EXPEDITOR, ISPF and IMS
- Create adhoc reports using SPUFI
- Interact with Clients and team member on daily bias
- Work on the Fright and Tracking system and this was written in Natural
- Experience using SQL to access DB2
- Good analytical and technical skills;
- Good written and verbal communication skills;
- Experience working in a high pressure situation;
- Experience interacting with users to obtain user requirements;
- Experience in the preparation of test plans, test data and system testing;
- Experience preparing technical documentation;
- Experience working in a team environment;

- Familiarity with application development life-cycle;

6/97 – 10/98   **Dept. of Revenue, State of MN**
Programmer Analyst
- Perform analysis for conversion for Y2K.
- Code and test various projects, and troubleshoot end user problems.
- The client server application utilized FOXPRO 2.6 on both Windows and DOS Operating systems.
- Use window office suite
- Do QA on team members code
- Interact with Clients and team member on daily bias

EDUCATION
Northern College of Applied Arts and Technology
Kirkland Lake, Ontario, Canada
- Diploma in Data Processing, 1982

Supervised the utilization of the DEC computer installation at the Northern College of Applied Arts and Technology. Operated and maintained the equipment and assisted students in software design and testing.

End of Resume

Cost Proposal for

State of West Virginia
Department of Transportation

Mainframe Programmer Application Analyst

Request for Quotation
6314C0017

InterBase
www.interbasecorp.com

Proposed By:

InterBase Corporation

22485 La Palma Ave. Suite 200-D, Yorba Linda, CA 92887

Contact:
Dave Dutta
Email: dave@interbasecorp.com
Ph: 714-783-7663
Web: http://www.interbasecorp.com

Exhibit A

QTY (Hours)	Description	Hourly Rate	Price per Year
2184 Hours	Application Programmer Analyst Contract cost for 1 year based on hourly rate	$69.00	$150,696.00

Estimates for bidding purpose only

Total Cost

Vendor Name:	INTERBASE CORPORATION
Vendor Address:	22485 La Palma Ave. Suite 200-D, Yorba Linda, CA 92887
Remit to Address:	22485 La Palma Ave. Suite 200-D, Yorba Linda, CA 92887
Phone #:	714-783-7663
FAX #:	714-701-6330
E-mail:	DAVE@INTERBASECORP.COM

Signature: _Da Dulla_   Date: _02/13/2014_