West Virginia Purchasing Division

2019 Washington Street, East
Charleston, WV 25305
Telephone: 304-558-2306
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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.

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

Solicitation Response(SR)   Dept: 0802   ID: ESR04022400000005712   Ver.: 1   Function: New   Phase: Final   ⬇   Modified by batch , 04/02/2024

Header 📎 4   ▭ ▬

⬒ List View

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

Procurement Folder: 1381091

Procurement Type: Central Master Agreement

Vendor ID: VS0000029949 ⬆

Legal Name: COMPU VISION CONSULTING INC

Alias/DBA:

Total Bid: $0.00

Response Date: 04/02/2024 📅

Response Time: 12:37

Responded By User ID: compuvision123 ⬆

First Name: Shaloo

Last Name: Mital

Email: certs@compuvis.com

Phone: 7324221500

SO Doc Code: CRFQ

SO Dept: 0802

SO Doc ID: DMV2400000003

Published Date: 3/26/24

Close Date: 4/2/24

Close Time: 13:30

Status: Closed

Solicitation Description: Mainframe Application Programmer Technical Staffing Services

Total of Header Attachments: 4

Total of All Attachments: 4

Proc Folder:	1381091
Solicitation Description:	Mainframe Application Programmer Technical Staffing Services
Proc Type:	Central Master Agreement

Solicitation Closes	Solicitation Response	Version
2024-04-02 13:30	SR 0802 ESR04022400000005712	1

VENDOR
VS0000029949 COMPU VISION CONSULTING INC

Solicitation Number:	CRFQ 0802 DMV2400000003				
Total Bid:	0	**Response Date:**	2024-04-02	**Response Time:**	12:37:44
Comments:					

FOR INFORMATION CONTACT THE BUYER
David H Pauline
304-558-0067
david.h.pauline@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	Mainframe Application Programmer Technical Staffing Services	0.00000			0.00

Comm Code	Manufacturer	Specification	Model #
81111600			

Commodity Line Comments:

Extended Description:

See Exhibit "A"

Mainframe Application Programmer Technical Staffing Services. This will be an open-end services contract that will provide the services of mainframe application programmer analysts on an hourly rate basis to provide technical expertise to meet agency needs. These services will be utilized to develop modifications and enhancements to the mainframe computer systems currently utilized by the DMV.

Mainframe Application Programmer Technical Staffing Services

Response to CRFQ 0802 DMV2400000003

Due Date: April 02, 2024, 1:30 PM EST

CVC
getting IT right

Compu-Vision Consulting Inc.

Submitted to:
David H Pauline
State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130
Phone: 304-558-0067
Email: david.h.pauline@wv.gov

Submitted by:
Shaloo Mital
President
Compu-Vision Consulting Inc.
2050 Route 27 Suite 202,
North Brunswick, NJ 08902
Phone: (732) 422-1500
Email: rfp@compuvis.com

Table of Contents

Cover Letter

April 02, 2024

To,
David H Pauline
State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

Re – "CRFQ 0802 DMV2400000003 - Mainframe Application Programmer Technical Staffing Services".

Dear David Pauline,

Compu-Vision Consulting Inc. (CVC) is pleased to present State of West Virginia, Department of Administration (State) our response CRFQ 0802 DMV2400000003 - Mainframe Application Programmer Technical Staffing Services. This response describes CVC's approach to meet the Mainframe Application Programmer Analysts requirement for the State of West Virginia (State) to complement their specific need.

CVC, established in 1998 under the Commonwealth of Pennsylvania, stands as a testament to small, minority, woman-owned businesses. Headquartered in New Jersey, we are a dynamic consulting and workforce solutions company, certified as an SBE, MBE, MWBE, and WOSB firm. With a robust 25-year track record, we specialize in offering staff augmentation and professional consulting services across a spectrum of sectors, including Federal, State, Local, Commercial, Healthcare, and Education. Our extensive array of diversity certifications underscores our commitment to inclusivity. CVC's accomplishments are marked by the receipt of awards exceeding $700 million from RFP vendor awards, a testament to our unwavering dedication to contract/contingent staffing solutions. Additionally, we are proud to hold a GSA Contract #47QTCA23D004L SIN 54151S and #47QTCA23D004M SIN 561320SBSA, further solidifying our position in the industry.

As a Tier 1 Staffing vendor, we have successfully placed thousands of talented employees across Information Technology, Business Analysis, Business Administration, Project Management, Systems Engineering, Data Entry Management, and General Labor Services for States such as Georgia, Maryland, Colorado, Oregon, Connecticut, Massachusetts, Florida, Arizona, California as well as with the State of West Virginia. Outside of the public sector, CVC has delivered several levels of staff augmentation services for its clients like Oracle, Dell, NYU, MIT, Merck, just to name a few. Furthermore, we have the ability to quickly and effectively identify best in class staff augmentation resources and consultative services to deliver a full turn-key solution utilizing our internal database of over 1,000,000 candidates.

Experience in the State of West Virginia: We have presence in the state by having already provided recruitment and staffing services to the State of West Virginia, Dell Technologies, VmWare, Career Staff, and American HealthCare Staffing Association (AHSA).

We have thoroughly understood all the requirements of the CRFQ and assure that we will provide skilled staff as per the service requests. We accept financial responsibility for all expenses incurred for oral presentations (if required) and candidate interviews. We also state that will be responsible to comply with all applicable registration, labor, and safety compliance requirements and will perform all necessary background checks and screenings.

Our goal is to exceed your expectations by providing you the highest quality of staff and competitive rates. We look forward to the opportunity to work with the State. We welcome the opportunity to elaborate further on our proposal and we look forward to working with the team at the State to demonstrate our commitment to your success. We are excited about the opportunity to work with you.

Sincerely,

Shaloo Mital
President
Compu-Vision Consulting, Inc.
2050 Route 27 Suite 202,
North Brunswick, NJ 08902
Phone: (732) 422-1500 Ext 2109
Email: rfp@compuvis.com

1. Project Understanding

CVC understands that State of West Virginia Purchasing Division is seeking Mainframe Application Programmer Analysts for its Department of Motor Vehicles division (DMV). We further understand that State is seeking Analysts to develop modifications and enhancements to the mainframe computer systems which are currently utilized by the DMV. We further understand that Application Programmer Analysts should be qualified and have adequate technical experience. We acknowledge that Application programmer Analysts should have at least 2 years of experience in programming in IBM Mainframe, designing and maintaining enterprise level complex COBOL/CICS/DB2 environment. Further, these analysts should have at least 1 year experience in programming with JCL in an enterprise mainframe environment as well as have experience programming in enterprise mainframe database analysis and design; and working with any DMV System. Besides above, our proposed analysts must have at least 6 months of experience using Computer Associates DB2/IBM Tools – RC/Update and PRF. Further, our proposed analysts should have at least 1 year experience working with the federal and/or state legal requirements regarding Commercial Driver Licensing. Also, our proposed analysts would be required to have some understanding or experience working with the American Association of Motor Vehicle Administrators (AAMVA) applications that interfaces with the WV Drivers 'System. We understand that these applications include the Commercial Driver's Licensing Information System (CDLIS), the Problem Driver Pointer System (PDPS) and the Social Security Online Verification and the Unified Network Interface as well as knowledge of the State-to-State system with AAMVA.

CVC also understands that our proposed Mainframe Application Programmer Analysts would be required to create and implement modifications to the WV DMV Drivers' License System to meet the AAMVA CDLIS Modernization Federal requirements that would allow the State to create a clean CDL file (CD31). Further, our proposed analysts would also be required to perform enhancements to the DMV Driver License system such that new ACD codes would be incorporated as required by the Agency. We admit that our proposed analysts would also be required to perform enhancements to the DMV Drivers' License System to satisfy the requirements of the FMCSA to interface with the WV Court System so that it can be complied with the requirement to all convictions involving a Commercial Driver License holder or Commercial motor Vehicle, and this would need to be added the driver's record within (10) days from conviction date for compliance with federal law. Further, our proposed analysts would also be required to do enhancements and ensure day-to-day operation of the DMV Drivers' License System resulting from mainframe system upgrades and new programming requests submitted by DMV. Beyond this, our proposed Mainframe Application Programmer Analysts would be expected to provide daily operational support which includes telephone support to end users, attend meetings, develop and conduct training and troubleshoot problems as they occur. Furthermore, our proposed analysts would also be required to develop code to programmatically meet Federal and State regulatory authorities mandates, which would involve system design, documentation, meeting with agency personnel, system testing and training.

The Solution

To support State's above mission, CVC will provide 8 Mainframe Application Programmer Analysts who meet qualifications and requirements aspects of the role. These 8 Mainframe Application Programmer Analysts are as below and their resumes are attached herewith.

1. Gopal Kesineni
2. Hanumantha Rao Talluri
3. Jeyasri Sekar
4. Krishna Mahankali
5. Mallikarjuna Grandhe
6. Pavel Goldberg
7. Shabna Changate
8. Shajitha Farhath

1. Gopal Kesineni

With over 16 years of IT experience, this professional specializes in mainframe development, particularly in MVS environments. His expertise spans various essential technologies including COBOL, JCL, VSAM, DB2, and CICS, complemented by proficiency in tools such as FILE-AID, ENDEVOR, XPEDITER, and SPUFI. Notably, he has extensive experience in Medicare Advantage and Prescription Drug systems, Federal Employee Program claims processing, and eligibility systems. Further, he also excels in program design and development for both batch and online environments, with a focus on problem analysis, technical specification preparation, and coding changes. Also, he is proficient in all aspects of the Software Development Life Cycle (SDLC), from problem analysis and technical specification preparation to coding, testing, and implementation. His skill further extends to developing and modifying COBOL programs, JCL procedures, and DB2 stored procedures to meet business requirements and enhance system functionality. He is well equipped in solving-problems with the ability to analyze system requirements, collaborate with stakeholders, and develop effective solutions. He also shows experience in batch and online (CICS) environments, with a focus on performance optimization, system tuning, and quality assurance processes. Besides above, he has also served as a mentor and team leader underscores his ability to guide and support teams through various project phases, ensuring quality deliverables and effective communication. Additionally, he possess strong analytical and logical programming skills, contributing to his success in delivering high-quality solutions while adhering to quality assurance processes.

Resume

Gopal Kesineni

Summary:
- o Around 16 Years of IT experience in analysis, design, developing and maintaining on MVS
- o environment using COBOL, JCL, VSAM, DB2, CICS and tools like FILE-AID, FILE-AID/DB2, ENDEVOR, XPEDITER, SPUFI, QMF, BMC, SYNC-TOOL, IN-SYNC, PANVALET, DUMP-MASTER, and TRACE-MASTER.
- o Expertise in Medicare Advantage and Prescription Drug system (CMS), Federal Employee Program claims processing system (BCBS), Eligibility system (MEDCO).
- o Designed, Developed programs for Batch, on-line (CICS) and Wrote Stored Procedure environments.
- o Unique ability to understand long-term project development issues at all levels, from interpersonal relationships to the details of coding scripts.
- o Excellent Analytical and Logical programming skills with a good understanding at the Conceptual level and Possess Excellent Presentation, Interpersonal skills with a strong desire to achieve specified goals.
- o Extensive experience in Analysis of MVS environment using COBOL, JCL, VSAM, DB2 and CICS.
- o Proven experience in complete life cycle of Design, Development, Maintenance and Documentation of applications.
- o Strong working experience in database products such as DB2UDB, Oracle 8i, 9i, MS Access etc.
- o Delivered responsibilities and mentor team members as Software Consultant and Senior Software Engineer.
- o Mentor the team in Technical Competencies and provides performance feedback of the individual team member.
- o Performing in different roles as a Technical Lead, Senior Developer proficient in obtaining project requirements from user and manager, formulating the requirements into design specs, preparing system specifications, assigning tasks to team members, and tracking the progress.
- o Provided work estimate document and MOM (Minutes of meeting) for walkthrough meetings.
- o Good understanding and practice of Quality Assurance Processes. Acquired knowledge through the Defect Prevention activities, Quality Control, Configuration Control, Coding Standards, Maintenance standards etc.

Education:
- o M.C.A (Master of Computer Applications) from India.

Technical Skills:

- o Operating System: MVS, Windows NT, 2000, XP, UNIX
- o Languages: COBOL, JCL, C, C++, Core Java, SAP-ABAP
- o Databases: DB2, ORACLE 8i, 9i, MS Access
- o Access Method: VSAM, MQ Series
- o Tools: FILE-AID, FILE-AID/DB2, ENDEVOR, XPEDITER, SPUFI, QMF, BMC, SYNC-TOOL, IN-SYNC, PANVALET, DUMP-MASTER and TRACE-MASTER
- o Environment: BATCH, ON-LINE, STORED PROCEDURE
- o Reporting tools: CICS, Micro strategy
- o ETL Tools: ASCENTIAL DATASTAGE 6.0, Informatica 7.1

Professional Experience:

Senior Mainframe Developer/ MicroStrategy Developer	**Jul 09 - Present**
MAPD (CMS), CGI Federal, Baltimore, MD	

The MAPD (Medicare Advantage and Prescription Drug system) R & M (Redesign and Modernization) adds new and expanded functionality to the MARx (Medicare Advanced Prescription Drug system). MARx is used for membership functions (e.g., enrolling, disembroiling or changing a beneficiary into a Medicare Advantage (MA) or prescription drug plan (PDP). MARx is responsible for maintaining membership, payment, and premium withholds system (PWS) data. In addition, MARx is used to generate various membership and payment reports.

Responsibilities:

- o Working as a Tech leads in Data Cleanup team and worked in Reports Development team as a Senior Developer/Mentor.
- o Extensively worked on Problem Analysis, Prepared Design Documents and Technical Specification preparation, Implementing Coding changes.
- o Developed Native Stored procedure and Converted COBOL DB2 stored procedures to native stored procedures.
- o Develop application code, perform unit testing and provide support in system and regression testing.
- o Provide support to the technical team in developing documents, Participate in peer reviews and other quality assurance activities.
- o Provide production support and Analyze information to determine, recommend and implement a reporting solution to significantly improve reporting capabilities and reporting environments.
- o Prepares technical design specifications, Codes programs using modules like COBOL, DB2 , JCL, VSAM in Batch Environments.
- o Validate the modified beneficiary data in Payments system and Premium withholds system (PWS) when we do rate recalc process for cleanup the bad data.
- o Developed and modified various COBOL programs PROC's and JCL's for new enhancements and Cleanup process.
- o Created JCL and proc with various utilities like SYNCSORT, IDCAMS, IEBGNR and IEFBR14 with COBOL programs and dry the MQ Series Queues with batch jobs.
- o Participated in Unit Testing, Integration and Regression testing of different system impacted by changes.
- o Creating ADHOC reports using MicroStrategy tool.
- o Develop new MicroStrategy reports based on requirements.
- o Preparing the production Jobs and Run sheets to execute a successful test cleanup process in production.
- o Bug fixing using XPEDITER and use Quality system for following the testing procedure.
- o Environment: Mainframe, COBOL, DB2, VSAM, JCL, CICS, MQ Series, FILE-AID, BMC, QMF, SPUFI,
- o SYNCTOOL, ENDEVOR, XPEDITER.

Mainframe Developer	**Jan 07 – Jun 09**
MARx System (CMS), CSC, Baltimore, MD	

The MARx system (Medicare Advantage and Prescription Drug system) adds new and expanded functionality to the MMCS (Medicare Managed Care System). MARx is used for membership functions (e.g., enrolling,

disenrolling or changing a beneficiary into a Medicare Advantage (MA) or prescription drug plan (PDP). MARx is responsible for maintaining membership, payment, and premium withholds system (PWS) data. In addition, MARx is used to generate various membership and payment reports.

Responsibilities:
- o Extensively worked on Problem Analysis, Technical Specification preparation, Implementing Coding changes and developing one-time utilities.
- o Analyzed the tables and business functionality for Impact Beneficiaries' and Cleanup Solutions of problem.
- o Completed impact Analysis on existing systems and developed functional & technical specifications.
- o Implement the cleanup approach in test region and generates an evidence report to send to customer for further execution in production.
- o Validated the modified beneficiary data in Payments system and Premium withholds system (PWS) when we do rate recalc process for cleanup the bad data.
- o Developed and modified various COBOL programs PROC's and JCL's for new enhancements and Cleanup process.
- o Created JCL and proc with various utilities like SYNCSORT, IDCAMS, IEBGNR and IEFBR14 with COBOL programs and dry the MQ Series Queues with batch jobs.
- o Conducted unit test plan preparation, unit testing the programs, integrating and check for stress and alignment.
- o Participated in Unit Testing, Integration and Regression testing of different system impacted by changes.

Environment: Mainframe, COBOL, DB2, VSAM, JCL, CICS, MQ Series, FILE-AID, BMC, QMF, SPUFI, SYNCTOOL, ENDEVOR, XPEDITER.

Senior Mainframe Developer	May 05 - Dec 06
Blue Cross Blue Shield, Kanbay, India	

Federal Employee Program (FEP) is a claim processing system for Federal Employees. FEP system has been developed to accept claims from different sources like OCR (optical Character Recognition), Electronic medium (EMC), paper claims. The system has been developed by including business validation rules to process different claims. The system interfaces with other systems like DC to complete the claims. DC is another application that processes the claims into payables or invalid by validating further business rules.

Responsibilities:
- o Analyzed the system, met with end users and business units in order to define the requirements and analyze the impact of business logic for new implementations.
- o Documented user requirements, translated requirements into system solutions and develop high level estimates, implementation plan and schedule.
- o Developed and modified various COBOL programs, PROC's and JCL's for new enhancements.
- o Worked closely with multiple business units and report developers to identify key information that will enhance business decision-making.
- o Wrote documentation to describe program development, logic, coding, testing, changes and corrections.
- o Analyze source code/Data Base Segments/VSAM files and coding COBOL programs and modify existing CICS screens.
- o Created JCL and proc with various utilities like SYNCSORT, IDCAMS, IEBGNR and IEFBR14 with COBOL programs.
- o Created new DB2 stored procedure using COBOL and DB2 data unloading and loading using SPUFI tool.
- o Fixed bug using XPEDITER and use Quality system for following the testing procedure.
- o Provided batch production support to resolve batch production trouble reports for the components that are issued to PROD.
- o Created an effective working relationship with all personnel and instituted a personnel performance review to minimize and correct behavioral patterns and reoccurring mistakes.

Environment: Mainframe, COBOL, DB2, VSAM, JCL, CICS, MQ Series, FILE-AID, FILE AID/DB2, ENDEVOR, XPEDITER, SPUFI and DUMP-MASTER.

Mainframe Developer	Apr 04 – Apr 05
MEDCO, IBM, India	

The Eligibility system objective is specializing in administration and management of prescription benefit programs. This system deals with clients and members data. The system validates eligibility criteria for members and generates membership card and discounts on prescriptions. The system validates and process member claims.

Responsibilities:
- o Extensively worked on Problem Analysis, Technical Specification preparation, Implementing Coding changes.
- o Analyzing the tables and business functionality for performance tuning and streamlining applications.
- o Completed impact Analysis on existing systems and developed functional & technical specifications.
- o Analyzed systems requirements collaborated with business partners and team members to develop specifications, implement business solutions, and resolve problems.
- o Developed and modified various COBOL programs PROC's and JCL's for new enhancements.
- o Created JCL and proc with various utilities like SYNCSORT, IDCAMS, IEBGNR and IEFBR14 with COBOL programs.
- o Define different VSAM files, path, GDG's using IDCAMS utility for the new enhancements.
- o Bug fixing using XPEDITER and use Quality system for following the testing procedure.
- o Conduct unit test plan preparation, unit testing the programs, integrating and check for stress and alignment.
- o Participated in Unit Testing, Integration and Regression testing of different system impacted by changes and System/Integration Testing.
- o Worked effectively as a team with peers, end-users, and target dates to ensure customer satisfaction.
- *Environment*: Mainframe, COBOL, DB2, JCL, VSAM, CICS, ENDEVOR, TRACE-MASTER, IN-SYNC and SPUFI.

References
- o Pratap Kakarla, email: pratap.kakarla@cgifederal.com
- o Vydhi Nilakantan, email Vydhi.Nilakantan@cgifederal.com

2. Hanumantha Rao Talluri

With over 15 years of experience in IT, primarily focused on Mainframe technology within the banking sector with a strong focus on credit card banking domains. Further, Hanumantha also possesses 3+ years of expertise in API design, development, and deployment using MuleSoft, with hands-on experience in Anypoint Studio and Any point platform RAML. His mainframe skills include COBOL, JCL, VSAM, DB2, and CICS, complemented by proficiency in various tools like Endeavor, Changeman, TWS, and debugging tools like Xpeditor & Debug tool to ensure efficient development and deployment processes. He also a strong understanding of the software development lifecycle and have worked extensively on both on-premise and cloud instances of Mule ESB. His API development experience includes working with RESTful services and handling file formats such as XML, JSON, and CSV. He also has a good grasp of DevOps tools and strategies like GIT, Jira, Docker, and Jenkins. Furthermore, he is familiar with DevOps tools like GIT, Jenkins, Docker, and Maven, with a focus on streamlining development workflows. He demonstrates proven track record of leadership roles, including SME & Tech Lead, Developer & Team Lead, and Back-up Lead, overseeing project lifecycles, team management, and mentoring. Equipped with a Master's degree in Computer Applications, he has held roles ranging from Developer to Team Lead and SME across various projects in organizations like HSBC and Capgemini.

Resume

Hanumantha Rao Talluri

Professional Summary:
- o Having 15 + years of IT experience on Mainframe technology in strong domain expertise in Credit cards banking in development practice and 3+ years of experience in API design, development, implementation and deployment using MuleSoft
- o Extensive experience on Mainframe related skills such as COBOL, JCL, VSAM, DB2 and CICS.
- o Extensive experience in handling the tools such as Version Control tools (Endeavor & Changeman), Job Scheduler Tools (TWS), Debugging tools (Xpeditor & Debug tool), SQL, IBM File Manager & file Aid.
- o Having good exposure to software development life cycle, especially in the areas of requirements specification, design documents, coding and in writing the test cases.
- o Having knowledge on DevOps strategy tools like GIT, Jira, Docker and Jenkins.
- o Developed multiple Restful services and API's using Any point studio in Mule 3.9.0
- o Extensively worked on file formats like XML, JSON, and CSV
- o Work experience on both On-premise and cloud hub instance of Mule ESB
- o Hands-on experience on designing and developing API security policies like CIDE, Oath 2.0, Basic Authentication, Rate limiting Etc
- o Understanding of build/deployment tools like GIT, Jenkins and Maven
- o Validating the code quality and code coverage by unit test cases using Postman

Education:
- o MCA (Master of Computer Applications) From Nagarjuna University, Jun 2003 – Jun 2006

Skills Profile:
- o VISION PLUS SKILL SET: CTA(Collection) & CMS
- o Technical Skill Set: COBOL, JCL, VSAM, CICS, Vision Plus, DB2, SQL, Mule ESB, Any Point Studio, Any point platform RAML, DWL
- o Tools: Confluence, JIRA, Changeman, TWS, File Manager, Endevor, Easytrieve, CA Service Desk, Postman, IBM Debugger tools

Professional Experience:

SME & Tech Lead	Mar 2018 – Present
C28 Digital Collections, HSBC	

- o Skills: Mainframes (Cobol, Db2, CICS, JCL, File Manager, Changeman, Endeavor, TWS, Easytrieve, Oracle DB), MuleSoft with Anypoint Studio & API Manager in both SHP & PCF platforms to build and deploy the SAPI's.
- o Team Size: 6

Digital Collections is a self-service capability to both drive operational efficiencies and enhance customer journeys using Digital channels. The Digital journeys enable customers who have missed contractual repayments or exceed agreed credit limits to take positive action on their arrears position and help focus telephony interactions towards value-add scenarios where customers require agent support and guidance. This will involve transition from existing voice focused operation to a mature digital multi-channel environment which will give our customers additional control and reduces the volume of outbound / inbound calls. Currently the digital solution is implemented in UK, M&S, Mexico, USA and HK markets.

Roles & Responsibilities:
- o Requirements gathering, Solution Designing, converting them into Functional and Technical specifications
- o Performing Impact Analysis, Design, Coding, Unit Testing, and Integration Testing for the changes required to the Application programs.
- o Providing expertise and support during critical Business service disruption and crisis.
- o Building new/modifying existing API's in Mule using Anypoint Studio.
- o Setup the jobs/schedule changes in Production environment.
- o Reviewing of code changes and coding standards
- o Responsible of tracking and reporting progress through JIRA dashboards and confluence
- o Monitoring Production Batches and providing resolutions with in SLA.
- o Training and Mentoring team on Mulesoft, Agile methods and tools adaptation by conducting workshops

Developer & Team Lead	Nov 2016 – Feb 2018
C9 Collections and Multi currency Project	

- o Client: HSBC
- o Environment: COBOL, JCL, VSAM, CICS, Vision Plus(CTA), File Manager, Change-Man, Endevor, EZT.
- o Team size: 3
- o C9 is an interface to collections system where in incoming data will be processed and ingested in C9 server to generate reports and dash boards required for business. CTA sends the few collections master files, customer level information and few of the control record parameter files in specified formatted. Currently CTA system does support one currency for one Org. UK wants add new currencies for their credit cards product to transact and billing in other currencies. Card products based on existing Euro Credit card to offer the following 7 new currencies Cards on Cards UK platform:US Dollar Card, Swiss Franc Card, Polish Zloty Card, Czech Koruna Card, Swedish Krona card, Danish Krone Card, Norwegian Krone Card

Responsibilities:
- o Engaged with business to get the requirements and help to prepare the analysis design document.
- o Prepared functional design document and Technical Specification documents
- o Coded new programs and modified the existing programs
- o Reviewed code changes and coding standards
- o Setup the jobs/schedule changes in Production environment
- o Prepared set up in QA(Testing) regions to perform Testing by QA people.

Developer	Oct 2015 – Nov 2016
Earth & Moon Sort Codes Migration (UKBB)	

- o Environment: COBOL, JCL, VSAM, CICS, Vision Plus (CTA), File Manager, Change-Man, EZT.

- o Client: HSBC
- o Team size: 4
- o Role: Team Member and Back up Lead

The regulatory rules introduced by UKBB would bring the RMS/Collection system compliant. The project involved enhancement in collections to process transferred accounts. Collections will then track all the transferred accounts of impacted customers.

UKBB Earth and moon sort codes migration and involve in individuals account numbers in changing the sort code and account number for all customer accounts of UKBB BU. While changing the primary key (sort code and account number) on all RPS tables for each migrating account, the account is not closed and the new account is not opened (no Product Change). Any references to the old sort code and account number held on further HSBC accounts held on RPS, would also be updated.

Responsibilities:
- o Engaging with business to get the requirements and help to prepare the analysis design document.
- o Preparation of functional design document and Technical Specification documents
- o Coding of new programs and modifying the existing programs
- o Preparation of test plan & test strategy and review of test cases prepared by testing teams
- o Defect Resolution

Developer	May 2014- Sep 2015

Darwin – MENA (Middle East North America) Project Migration
- o Environment: COBOL, JCL, VSAM, CICS, Vision Plus (CTA), TWS, File Manager, Endevor, EZT
- o Client: HSBC
- o Team size: 8
- o Role: Team Member & Back up Team Lead

Project Darwin aimed at migrating HSBC Middle East cards (UAE, Egypt, Bahrain, Lebanon, Oman, Qatar, and Mauritius) from UKPLEX (Hong Kong Data centre) to UKGSS (UK Data centre). It also encompassed the conversion of cards platform from WHIRL 3.5 to HSBC cards 2.2 version

Roles & Responsibilities:
- o Coded and tested High risk programs & copybooks
- o Coded JCLs, PROCs and involved in comprehensive testing of the entire functionalities
- o Defect Resolution and Batch support in SIT, UAT phase
- o Part of implementation team for Pre, Post and on day of Implementation.

HSBC Compliance	Mar 2011 – Apr 2014

Vision plus
- o Environment: IBM Mainframes, COBOL, JCL, CICS, Endevor, Changeman, CA7,TWS, File manager, Ezetrieves, Team size: 9
- o Role: Team Member and Back up lead
- o Twice each year, April and October, the international payment card associations, MasterCard and Visa, release business operations and system processing modifications for card issuers, acquirers and processors. Each release details processing standards to which issuers/acquirers and their processors must adhere in order to remain compliant with association rules and regulations for the acceptance of credit/debit cards. The objective of the compliance release is to successfully modify the WHIRL/One HSBC Cards credit card application system to comply with the Visa and MasterCard business operations and system processing modifications. The compliance modifications should be made and implemented with limited impact to the normal day-to-day operations of the business.

Responsibilities:

- o Region Built for SIT and UAT for different BU's and running shake out batches and supporting the SIT and UAT batches for different BU's.
- o Gave permanent solutions as well as promote the changes to next levels.
- o Took backups of all
- o Environment: IBM Mainframes, COBOL, JCL, CICS, Changeman, File-Aid and File Manager.

FDI EMEA (First Data International)   **Nov 2008 – Feb 2011**

- o Client: FDC
- o Environment: IBM Mainframes, COBOL, JCL, Endevor, File-Aid, CA7, Visionplus.
- o Team size: 13
- o Role: Team member

FDI is part of First Data Corp., is a leading provider of electronic commerce and payment solutions for financial institutions and merchants around the world. First Data International now serves hundreds of the world's most innovative card issuers in 39 countries across six continents. First data's Vision Plus – a Card processing application software releases EMEA region customized product upon upgrades to its base product. During EMEA enhancements, our teams' responsibility is to provide implementation SIT batch support and defect support (Bug Fixing) for defects raised out of SIT & UAT. Supporting batches and coordinating for scheduling issues for all SIT Regions of FDI – EMEA (Vision Plus Product) implementation includes Barclays, Bank of America, SAMBA, Riyad Bank, Bank Alfalah, Banco Mais bank during Vision Plus product EMEA customization, implementation, coordinating with testing team and provide Permanent and Temporary resolutions / Fixes for the abnormalities in the batches run.

Responsibilities:
- o Batch Support, scheduled jobs and executed for system integration testing.
- o Amend analysis and providing permanent fix through QC.
- o Implemented and promoted component for UAT.

Environment: JCL, VSAM, COBOL, CA-7, FILE AID , ENDEVOR, CICS

Professional Organization:
- o Capgemini India Pvt Ltd, September 2008 – Aug 2016.
- o HSBC Software Development (India) Pvt Ltd, Aug 2016 – Till date.

References
- o Kanakeshwar: kanakeshwar.bandari@hsbc.co.in -
- o Surya: surya.potli@hsbc.co.in -
- o Satyavenkata Vinay: satyavenkatavinay.kolusu@hsbc.co.in

3. Jeyasri Sekar

With 17 years of experience in the IT industry, Jeyasri has a diverse skill set encompassing Development, Maintenance, and Support projects across domains such as Healthcare, Financial, and Banking. Jeyasri is proficient in mainframe technologies including MVS/JCL, COBOL, DB2, VSAM, Expeditor, and IBM Utilities, as well as in tools like GitLab, Postman, and IBM Rational Application Developer. Additionally, she hold certifications in Agile Scrum Master, Cloud Computing Foundation, AWS Solution Architect, and PRINCE2 (Practitioner) in Project Management. Her experience spans from leading project teams to handling complex projects with global implementations, demonstrating strong leadership, communication, and problem-solving skills. She is capable of analysing business requirements and translating them into technical solutions using COBOL, JCL, and DB2. Further, she has proven track record of delivering high-quality software solutions within project timelines and budget constraints. Moreover, she offers expertise in troubleshooting and debugging COBOL applications, ensuring seamless functionality and user satisfaction. She has worked with clients like US Bank, Eaton, UBS Bank, CapitalOne, Blue Cross Blue Shield, Northern Trust, and more, showcasing their adaptability and ability to deliver high-quality results within demanding environments.

Resume

Jeyasri Sekar

Professional Summary:
- 17 years of experience in professional experience in IT industry with expertise in Development, Maintenance and Support projects and hands on experience with HealthCare/Financial/Banking domains. I have hands-on experience in Requirement Gathering, Estimation, planning, analysis, design, development, testing of Application systems across various platforms.
- Mainframe expertise in MVS/JCL, COBOL, DB2, VSAM, Expeditor, IBM Utilities, DB2 Fileaid, File Marvel, TSO/ISPF, SCLM, Control-M, Stored Procedures,
- Expertise in IBM Rational Application Developer, IBM Rational Integration Tester, Postman, GitLab, GitGUI. GitBash
- Certified Agile Scrum Master
- Certified in Cloud Computing Foundation
- Certified AWS Solution architect
- Acquired basic knowledge in DevOps Foundation concepts
- Certified in PRINCE2 (Practitioner) in Project Management
- Expertise in Crystal Reporting
- Possess Development, Enhancement and also Support experience, worked closely with clients in resolving UAT bugs, Productions issues, Debugging
- Managing reports, analysis and decision-making for a change request
- Involved in Continual Service Improvement, working on the automation/permanent fix of the recurring job abends/issues
- Possess experience on requirement gathering, Estimation, planning, analysis, design, development and testing of Application systems across various platforms
- As the Project Lead, possess strong ability to lead, inspire and motivate the team and been successful in achieving the Innovation target set by the organization every year (around $110K) as a team
- Successful in driving Innovation Campaign every year and introduced new initiatives to collect ideas from each and every one from the team
- Experienced in working with cross-functional and global teams (onsite-offshore model)
- Ability to adopt in demanding, fast-paced environments requiring highly adaptive, flexible and resourceful technical & management skills
- Ability to meet deadlines with no compromise on the quality of the work product.
- Successfully handled many complex projects with global implementation, and rapidly evolving requirements
- Effective communication skills and record for coordination between globally located teams
- Define Business Process; identify the risk, doing risk analysis and providing baseline acceptance criteria and deliverables
- Good experience in working with Direct Clients, Project Teams and Senior Management
- Performed Resource planning, Project Estimations, Project planning, Delegation, People Management, Process Improvement, Team building activities and Facing Quality Audits
- Good knowledge in JIRA, ALM, Servicenow & Sharepoint
- Awarded as Guiding Star & Dream Team for the project in Cognizant
- Best Performer award in Accenture

Educational Qualification:
- B.E. (Computer Science) in PSG College of Technology, Coimbatore, Tamil Nadu, India (2002-2006)

Professional Experience:

Senior Mainframe Developer   **Jul 2022 - Present**
Client: US Bank, Brookfield, WI (Remote)

Project 1: ICS Credit Card Processing systems, US Bank, USA
- o Team Size: 3
- o Technology Used: JCL, COBOL, DB2, IBM Utilities, CICS, TSO/ISPF, IBM Rational Application Developer, IBM Rational Integration Tester, Postman, GitLab, GitGUI. GitBash

Responsibilities:
- o Responsible for the deliverables of the team
- o Working on Technical deliverables and also review
- o Creating Knowledge Base Articles with Guidelines and Instructions for the new Engineers
- o Creating Learning Exercises on the Automation tools for training the new Engineers
- o High level design document for enhancement requests & Impact analysis for the enhancement
- o Reviewing Unit testing and System test plan created by team members
- o Reviewing system test scenarios with Testing team – System test and End to End testing team
- o Preparation of the system design specifications in the form of the pseudo code used for coding
- o Coding according to the design specifications
- o Preparation of test scenarios and test data for Unit testing and system testing
- o Execution of unit testing and system testing
- o Governance related - Communication, meetings and updates

Role: Senior Mainframe Developer   Apr 2022 - Jul 2022
- o Project 2: Payroll Managed Service, TCS, USA
- o Client: Eaton, USA, Team Size: 5
- o Technology Used: JCL, COBOL, DB2, VSAM, IBM Utilities, DB2 Fileaid, File Marvel, TSO/ISPF

Responsibilities:
- o Responsible for the deliverables of the team
- o Worked on Technical deliverables and also review
- o High level design document for enhancement requests & Impact analysis for the enhancement
- o Reviewed Unit testing and System test plan created by team members
- o Reviewed system test scenarios with Testing team – System test and End to End testing team
- o Prepared of the system design specifications in the form of the pseudo code used for coding
- o Coded as per design specifications
- o Prepared of test scenarios and test data for Unit testing and system testing
- o Executed of unit testing and system testing
- o Provided production support for the daily, monthly batch cycle
- o Governance related - Communication, meetings and updates
- o Provided weekly and monthly report to management
- o Interacted with clients and all stakeholders

Role: Senior Developer   Mar 2021 - Apr 2022
- o Project 3: Mortgage Application, Infosys, USA
- o Client: UBS BANK, USA, Team Size: 5
- o Technology Used: JCL, COBOL, DB2, VSAM, IBM Utilities, DB2 Fileaid, File Marvel, TSO/ISPF, Stored Procedure

Responsibilities:
- o Responsible for the deliverables of the team
- o Worked on Technical deliverables and also review
- o Created Online modules Stored procedures in COBOL DB2 and work with Front end team
- o High level design document for enhancement requests & Impact analysis for the enhancement
- o Reviewed Unit testing and System test plan created by team members

- o Reviewed system test scenarios with Testing team – System test and End to End testing team
- o Prepared system design specifications in the form of the pseudo code used for coding
- o Coded according to the design specifications
- o Prepared of test scenarios and test data for Unit testing and system testing
- o Executed unit testing and system testing
- o Provided production support for the daily, monthly batch cycle
- o Governance related - Communication, meetings and updates
- o Provided weekly and monthly report to management
- o Interacted with clients and all stakeholders

Role: Senior Developer   Mar 2019 - Mar 2021
- o Project 4: Loyalty Management System (Credit Cards), WIPRO, USA
- o Client: CapitalOne, USA, Team Size: 16
- o Technology Used: JCL, COBOL, DB2, VSAM, IBM Utilities, DB2 Fileaid, File Marvel, TSO/ISPF, Stored Procedure

Description:
This Project dealt with Rewards points of purchases made with CapitalOne Credit cards. LMS acts as a Rewards Points Engine and Points storage. LMS calculates points, send point information to partners or third parties, store historical transactions, generate Rewards statements, accepts points transactions from partners or third parties, etc.

Responsibilities:
- o Responsible for the deliverables of the team
- o Worked on Technical deliverables and also review
- o Created Online modules Stored procedures in COBOL DB2 and work with Front end team
- o High level design document for enhancement requests & Impact analysis for the enhancement requests
- o Reviewed Unit testing and System test plan created by team members
- o Reviewed system test scenarios with Testing team – System test and End to End testing team
- o Prepared of the system design specifications in the form of the pseudo code used for coding
- o Coded according to the design specifications
- o Prepared of test scenarios and test data for Unit testing and system testing
- o Executed of unit testing and system testing
- o Provided production support for the daily, monthly batch cycle
- o Governance related - Communication, meetings and updates
- o Gave Weekly and monthly report to management
- o Interacted with clients and all stakeholders

Role: Senior Developer   Mar 2017 - Mar 2019
Project 5: Automated Eligibility Process (Insurance Domain), Accenture, USA
Client: Blue Cross Blue Shield, USA, Team Size: 6
Technology Used: JCL, COBOL, DB2, DB2 Fileaid, File Marvel, TSO/ISPF
Description:
This Project dealt with Electronic Enrollment and Maintenance functions for Subscribers and members. This application supports groups from Illinois, Texas, New Mexico, Montana and Oklahoma.
Responsibilities:
- o Defined and coordinated technical tasks with the project team members
- o Handled Enhancement and support
- o Generated DB2 queries and generate reports based on the user's request
- o Handled incidents, Service Requests & problem management related tasks
- o Acted as a mentor for the team members
- o Gathered requirements and interacted with application SME and Users

- o Reviewed the deliverables created by team members
- o Reported weekly and monthly on Incidents and service requests to management
- o Interacted with clients and all stakeholders

Role: Project Lead   Jul 2011 - Mar 2017
Project 6: Custom Management Reporting, Cognizant Technology Solutions, India
Client: Northern trust, USA, Team Size: 16
Technology Used: JCL, COBOL, DB2, IBM Utilities, DB2 Fileaid, File Marvel, TSO/ISPF, Stored Procedures, Crystal Reporting
Description:
This Project dealt with report generation for various clients of Northern Trust bank. Northern trust acts as a custodian for the clients. A custodian is a financial institution that has the legal responsibility for a customer's securities.
Responsibilities:
- o Played offshore project lead role for CMR applications
- o Process led for CMR
- o Handled the project team size of 18
- o Coordinated between Offshore and Onsite
- o Created Online modules with COBOL Stored Procedures with JAVA front end screen
- o Gathered requirements and interacted with application SME and Business Analyst
- o High level design document for enhancement requests & Impact analysis for the enhancement requests
- o Reviewed Unit testing and System test plan created by team members
- o Reviewed system test scenarios with Testing team – System test and End to End testing team
- o Governance related - Communication, meetings and updates
- o Provided weekly and monthly report to management
- o Interacted with clients and all stakeholders
- o Team appraisals, goal setting and promotion recommendations
- o Driven strategic meetings for service improvements
- o For Enhancements, as a Techno Functional BA responsible for entire life cycle of a Docket starting from gathering the requirements, Estimation, Analysis, Design, getting the development completed, Code review, UAT testing and Signoff from the Client partner, Production migration, Post-migration Sign-Off from the Client Partner and ensure the docket has been closed
- o As a Project Lead, was responsible for driving Innovation campaign every year to achieve the Innovation target set by the Organization and also been successful in attaining the target
- o Helped the team to remodel the MR architecture in order the save up to 60% of CPU Utilization
- o Ensured that each and every deliverable from the team is Defect free and 100 % process compliance as per SOW
- o Created SLA metrics, Weekly Status Reports, Monthly Status Reports and also educate the team to understand the importance of the data that they provide and how it will reflect in the Project metrics
- o Ensured correct data in Cognizant 2.0 metrics, CSI and Delivery Kaizen
- o Faced Process, Quality, Delivery and Cognizant 2.0 audits(both External and Internal) and ensure 100 % process compliant and timely closure of Open NCs/Observations if any
- o performed Goal Setting and appraisal ratings for the team and conduct the One-to-One meeting for the individuals
- o Recommended the resources for Promotions
- o Performed People Management and resolve conflicts within the team
- o At the Organization level, involved in Lateral Recruitment
- o At the Account Level, Part of Resourcing Task force and been responsible for identifying the panelists from Northern Trust for various technologies and share the list to HR whenever Part of Process task force, track all the open NCs and Observations of all the projects of Northern Trust and follow up with the Leads for timely closure

- o Part of Branding Task Force, design posters/mailers for various happenings at the Project level/ Account Level and brand it

Role: Team Lead   Jun 2009 - Jun 2011
Project 7: GSL Docket, Cognizant Technology Solutions, India
Client: Northern Trust, USA, Team Size: 6
Technology Used: JCL, COBOL, DB2, IBM Utilities, DB2 Fileaid, File Marvel, TSO/ISPF
Description:
This Project dealt with maintenance of various applications related to Global securities lending system
Responsibilities:
- o As a Team Lead, delegated tasks to the individuals and ensure Quality Deliverables from the team
- o As an Individual performer, performed Analysis, Coding, Unit Testing, Debugging, Coordinate with partners for UAT SignOff and Production Migration
- o As part of GSL Innovation, contributed many ideas and worked towards the automation of manual efforts which resulted in increase in productivity
- o Performed Code review and Code Walkthrough for all the Programs created by team members
- o Adhered to all the processes as per the SOW and also educate the team to follow the process strictly to ensure 100% Compliance
- o Ensured 100% quality of team's deliverables without escalations
- o Handled incidents & problem management related tasks
- o Single point of contact for Mainframe internal evaluations
- o Faced delivery and Service audits periodically and also ensure timely closure of Audit findings
- o Generated Business Continuity plan
- o Prepared SLA metrics, WSR and C20 Metrics for GSL Docket
- o Organized Team Building activities for the entire GSL team
- o Track Team's Leave plans and ensure no impacts for the Deliverables
- o Conducted Cross technology Training sessions
- o Organized Project level Knowledge Transition sessions every quarter to ensure all the team members including New Joiners are aligned with the Project concepts and also new updates if any
- o Responsible for Induction formalities and Knowledge Transition plan for all the new joiners of the project

Role: Senior Developer   Apr 2008 - Jun 2009
- o Project 8: GAM – Global Account Management, Cognizant Technology Solutions, India
- o Client: Northern Trust, USA, Team Size: 5
- o Technology Used: JCL, COBOL, DB2, VSAM, IBM Utilities, DB2 Fileaid, File Marvel, TSO/ISPF
Description:
This Project dealt with maintenance of various applications related to Global Account Services. GAM involves the process of creating and maintaining the accounts for Northern Trust. This project involves maintaining the existing functionality, thereby supporting it and working on the tickets raised for production issue. The deliverables of the modules were done by various releases.
Responsibilities:
- o Acted as a single point of contact for all the Mainframe related tasks
- o Directly Interacted with the clients, get the Requirements gathered and the clarifications addressed
- o Coordinated between Front End team and handle all the Mainframe related issues single handed
- o Gathered requirements and interacted with application SME, front end team and Business Analyst
- o High level design document for enhancement requests & Impact analysis for the enhancement requests
- o Reviewed system test scenarios with Front End team – System test and End to End testing team
- o Governance related - Communication, meetings and updates
- o Gave Weekly and monthly report to management
- o Interacted with clients and all stakeholders
- o Ensured overall quality of the services/ project deliverables
- o Ensured compliance to Processes and Procedures for any system Upgrades and Enhancements

Role: Developer   Aug 2006 - Mar 2008
- o Project 9: Global Securities Lending, Cognizant Technology Solutions, India
- o Client: Northern Trust, USA, Team Size: 20
- o Technology Used: JCL, COBOL, DB2, VSAM, IBM Utilities, DB2 Fileaid, File Marvel, TSO/ISPF

Description:
- o The Securities Lending Division of The Northern Trust uses DB2/UDB to house data from the GSL mainframe and other sources. DB2/UDB acts as a data warehouse (GSLDB) for reporting purposes. The scope of this project is the on-demand Development of Cobol/DB2, Stored procedures for the Global Security Lending System. This Development broadly involves:
- o Development Tasks – Adding new functionality to the existing GSL system involves development of new programs and jobs.
- o Major Tasks - conversion of the existing functionality to the new request.
- o Minor Tasks- Small changes in the existing logic, bug fixing and performance tuning activities of GSL jobs.

Responsibilities:
- o Developer for the GSL Release in offshore
- o Analyzed system functionality with respective to the change request
- o Prepared system design specifications in the form of the pseudo code used for coding
- o Coded according to the design specifications
- o Prepared test scenarios and test data for Unit testing and system testing
- o Executed unit testing and system testing
- o Provided production support for the daily, monthly batch cycle

References
- o Alpa Jawalkar, Delivery Project Executive, IBM, Phone: +1 4372472359
- o Yogendra, AVP, US Bank, Phone: +1 2628446315
- o Palaniappan, 3i Infotech, Phone: +1 7325436600

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4. Krishna Mahankali

With over 18 years of experience, Krishna specializes in Mainframe technologies, covering design, analysis, and production support. He possesses strong analytical and communication skills, excelling in both independent and team-oriented environments. His expertise includes Core Mainframe technologies like COBOL, MFCOBOL, CICS, JCL, DB2 SQL, and VSAM, alongside proficiency in IBM tools and utilities. They have extensive experience in production support, distributed/SOA development environments, and creating functional and technical specifications. Additionally, he is skilled in using various tools such as File Aid, Change Man, Endeavor, and Clear Quest for SAT, UAT, and production implementation. His project experience spans across industries like finance, insurance, retail, manufacturing, and banking, demonstrating versatility and adaptability, and delivering solutions for critical business functions such as payment processing, claims management, and customer service systems. Further, Krishna is skilled in statistical evaluation of incidents, incident prioritization, and resolution, ensuring seamless operation of business-critical systems and minimizing downtime. Equipped with good oral and written communication skills, coupled with a track record of working effectively both independently and as part of a collaborative team, he effectively contributes to the success of projects and achieving organizational goals. Krishna is motivated and organized team player with a strong aptitude for learning, consistently staying updated with emerging technologies and methodologies to deliver innovative solutions and drive business growth.

Resume

Krishna Mahankali

Professional Summary:

- o An accomplished software professional with 18 plus years of experience specializing in Mainframe technologies in Design and analysis with extensive experience in full life cycle of the software design process and Production Support.
- o Good analytical and communication Skills and ability to work independently with minimal Supervision and perform as part of a good team member.
- o Excellent working knowledge on Core Mainframe technologies like COBOL, MFCOBOL, CICS, JCL, DB2 SQL, VSAM, and IBM tools & utilities.
- o Statistical evaluation of incidents includes frequency of incidents, prioritization, and resolution.
- o Production Support experience in Mainframe environment and Tibco/Unix environment support
- o Solid working experience with most of the Mainframe application tools & Utilities like File Aid, Change Man, Endeavor, CA Inter Test, Xpeditor, SYNCSORT, TSO/ISPF, SPUFI, QMF, FTP, and SAR-View.
- o Having a working knowledge of MQ calls to transfer messages between different Platforms.
- o Working experience in Distributed/SOA development environment.
- o Good working experience of creating functional and technical specifications & analysis documents of the system.
- o Good at creating flowcharts and system design documents using MS Visio, MS Excel, MS Power Point, & MS Word.
- o Quality center, Clear Quest experience for SAT, UAT & Production implement, which includes updating SAT and UAT scripts execution, defect logging and follow-up.
- o Used WebSphere tool to translate the data to Mainframe and back to vendor or Supplier sites.
- o Excellent oral & written communication skills and a motivated, organized team player with high aptitude for learning.
- o Excellent working experience and knowledge of Utility, Banking, Retail, Manufacturing, Credit Card, Credit, and Auto Insurance projects

Education:
- o Master of Computer Applications, Bharat University, India
- o Master of Information Technology, Alagappa University, India

Technical Skills:
- o Operating Systems:MVS, OS/390, Z-0S, UNIX
- o Programming Languages: COBOL, MF COBOL, Easytrieve, SAS, JCL, SQL, TIBCO
- o Database Technologies: DB2, Oracle, IMS DB/DC
- o Version Control Tool: Endeavor, ChangeMan, DCCS
- o Debugging Tools: IBM Debugger, Xpeditor, CA InterTest, CEDF, Exceed, SMARTTEST
- o Access methods: VSAM
- o Transaction Monitoring: CICS
- o Other Mainframe Tools: ISPF/TSO, QMF, SPUFI, SYNCSORT, File-Aid, IDCAMS, IEBGENER, CEMT, SAR, IEFBR14
- o Microsoft Products: Microsoft Office Suite including Visio
- o Messaging service: MQ Series, FTP, SFTP, NDM
- o Process Tools: Clear Quest, HP ALM, ASSYST, REMEDY, WINSCP, SUPER PUTTY
- o Mailing Systems: Lotus Notes, MS Outlook
- o Scheduling Tools: CA7, Control-M, OPC

Work Experience:
- o Appridat Solutions LLC (Formerly TEK Services LLC), Sr. Mainframe Consultant, December 2013 to Till Date
- o Tata Consultancy Services, Assistant Consultant, August 2011 to November 2013
- o CapGemini India Pvt Ltd, Consultant, March 2006 to July 2011
- o Magna InfoTech, Software Engineer, December 2004 to March 2006

Project Experience:

Sr. Mainframe Consultant - Appridat Solutions LLC (Formerly TEK Services LLC)	Jun 21 – Present

Output Solutions – HIPS to Focus- Systems Integration

Fiserv, NE, USA

- o Output Solutions delivers business-critical communications, direct marketing, and payment card solutions for thousands of companies in the financial services, healthcare, billing, utility, insurance, lending, retail, travel, entertainment, and other industries across the U.S.
- o FOS supports organizations with best-in-class composition, production, and delivery of:
- o Bills, statements, invoices, notices and other documents
- o Credit/Debit Card manufacturing and personalization
- o Checks, explanation of benefits, and tax forms
- o Commercial printing
- o Operational supplies
- o HIPS is a table-driven system for the generation of healthcare EOBs, Remittance Advice, Checks, Letters, and related documents. It also interfaces with our Mede Pay product which will produce EFT transactions. HIPS Features to produce Explanation of Benefits, Remittance Advice, Checks, Letters, Flexible Spending documents, Invoices, Inline Inserts (Print-on-demand Inserts), EFT transactions and Click Mail

Responsibilities:
- o Developed COBOL based Healthcare (HIPS) application in support of migration to new processing platform
- o Business as usual support and Incident Response for document processing issues
- o Developed JCL and .bat files for process automation
- o Researched and solved issues in migration of legacy platform to the focus environment
- o Supported patching changes and coordinated with transmission team to establish new processing path due to move from Indianapolis to Houston print facility.
- o Worked with Implementations BA and SQA team to test digital and print output as well as archive processing.
- o Participated in Daily stand up – scrum meetings

Environment/Tools/Technologies: MVS, COBOL, JCL, Spufi, File-Aid, MF Cobol, Windows Batch Files, Net express, Bitbucket, Focus OSM, Papyrus, Inspire Native Viewer, HP ALM, Service Now, Clarity, JIRA, SharePoint, V File Viewer, Beyond Compare, Note++, Microsoft Office, Teams, One Note & Visio

Sr. Mainframe Consultant - Appridat Solutions LLC (Formerly TEK Services LLC)	Mar 21 – Jun 21

Broadridge, NJ, USA

BPS (Broadridge Processing Services) Production Stability - Mar'21 – Till Date

- o Broadridge is a provider of investor communications and technology-driven solutions to banks, broker-dealers, mutual funds and corporate issuers. The Company's segments include Investor Communication Solutions, and Global Technology and Operations.
- o Broadridge Processing Services, or BPS, is Broadridge's post-trade securities-processing platform for financial products cleared, settled, and custodies in the U.S. markets at DTC and OCC (e.g., equities, mutual funds, ETFs, options, and certain fixed income securities). Part of Global Technology & Operations (GTO) division of Broadridge.

Responsibilities:
- o Analyzed excessive number of Production Outages across GTO are adversely impacting the Top Customers
- o Conducted a Comprehensive Review of each App (Incidents, Architecture, Code, Testing, Governance, Network, Monitoring, Data Layer etc.)
- o Defined a Remediation Plan for each Application/Layers

- o Set-up a Cadence to follow through on the Remediation Plan, until changes are delivered in Production
- o Demonstrated effectiveness of the Methodology & apply it to Multiple Apps across GTO.
- o Identified improvements to project standards to achieve high quality services/products.
- o Identified best practices and standards for the practical needs of the business.
- o Involved in the discussions with Product owners and Application leads about the stability process
- o Created workflow and mockups using Microsoft Visio.
- o Verified database logs and program logs to validate processes issues.
- o Participated in the Daily and Weekly status calls and create status reports using Microsoft Excel and SharePoint.
- o Escalated risks, issues and potential deviations to management using tools like HP ALM and JIRA.

Environment/Tools/Technologies: MVS, COBOL, DB2, JCL, CICS, SPUFI, File-MASTER, PDX, REMEDY, OPC, HP ALM, BMC App-tune, Microsoft Office, Teams & Visio etc.

Sr. Mainframe Consultant   **Jul 14 – Feb 21**
Appridat Solutions LLC (Formerly TEK Services LLC), PacicfiCorp, OR, USA

AMI - Oregon – Development and Support Nov'16 – Feb' 21
CSS Release (Customer Service System) - Jul'14 – Feb' 21
CSS application production support – Jul'14 – Sep' 17

PacifiCorp is one of the West's leading utilities. It operates as Pacific Power in Oregon, Washington and California. As Rocky Mountain Power in Utah, Wyoming and Idaho. Balancing growing energy needs with costs and the environment is an ongoing focus for the company. Most of my working experience at PacifiCorp involved in core IT systems mainly involved in Customer Service System (CSS), AMM, IEE, and partially with MWM, RCMS.

Responsibilities:
- o Involved in the discussions with Client Business teams on behalf of IT CS applications regarding the CSS application changes
- o Participated in the Design meetings for CSS software applications in IBM Mainframe Environment based on the business requirements analysis
- o Involved in developing new programs and modify existing programs in both Online (CICS) and Batch environments using COBOL, DB2, and CICS.
- o Created workflow and mockups using Microsoft Visio
- o Developed and review functional design to meet project needs for software applications
- o Reviewed design elements with design authorities to ensure completeness of proposed solution
- o Supported for system testing, user acceptance testing and defect tracking using HP ALM
- o Created efficient DFSORT cards, automate processes using JCL, and DB2 SQLs to generate reports
- o Developed JCLs to execute batch programs and schedule them using Control-M
- o Verified database logs and program logs to validate processes issues.
- o Provided production Support in Mainframe and Tibco/Unix environment support (1 year plus)
- o Created DB2 SQL queries using SPUFI for data fixes, database mining and verification
- o Performed Data fixes and Addressing the Remedy Incidents and Work orders
- o Performed nonfunctional testing including IT load testing, security testing, and system testing to ensure code meets the interoperability standards.
- o Participated in the weekly status calls and create status reports using Microsoft Excel and SharePoint.
- o Escalated risks, issues and potential deviations to management using tools like HP ALM
- o Participated in PacifiCorp disaster recovery exercises part of Prod support activities

Contribution:
- o Responsible for converting 650K plus new AMI Meters to billable in the recently
- o Implemented AMI OREGON project.

- o Automated the cutover process using JCL's as per the business rules and reduced a lot of manual efforts. Created daily reports needed for the business and management.
- o Supported and resolve the metering exceptions part of AMI MTR's cutover from
- o Jan 2018 to till date (Still in progress).
- o Participated in PacifiCorp disaster recovery exercises part of Prod support activities.
- o Participated in DB2 and Z/OS system upgrade validations.
- o Part of releases handling all control-m scheduling tasks in Mainframe and Tibco environments.
- o Created tools using JCL and REXX for validating Mainframe components getting migrated to production and to create system test versions.

Environment/Tools/Technologies: MVS, COBOL, DB2, JCL, CICS, Spufi, File-Aid, Endeavor, HP ALM, BMC App-tune, UNIX, Control M, TIBCO BW5, Spring Boot, Microsoft Office & Visio, Microsoft Skype and etc.

Sr. Software Developer - TEK Services LLC   **Dec 13 – Jun 14**
Macy's, GA, USA

Project – RTV
The Return to Vendor system tracks the progress of return to vendor merchandise from the time the RTV is requested through the shipment of merchandise to the vendor. The system accommodates RTV approval, transfer to a central location, and shipment to the vendor. The RTV system provides the following features like handling damages and accommodation returns, Approves the RTV amount based on the vendor credit balance, automatically notifies the stores and Handles various methods of shipments.

Contribution:
- o Prepared Program Specification, Test Plan documents.
- o Developed of programs based on Program Specs.
- o Performed Unit testing and supporting further testing Stages like SYSTEM and INTEGRATION.
- o Reviewed the work done by the offshore team members
- o Created metrics on weekly and monthly basis for the application (delivered defect density, defect classification by priority/severity, warranty support volume handling)
- o Oversaw activities related to project deliveries, stakeholder communication and status update communications to top level management

Technical Details:
- o Used FILE-MANAGER to create and maintain VSAM (KSDS), PDS, and PS.
- o Used Xpeditor to test and monitor step-by-step execution of programs.
- o Developed Batch jobs to process Daily Activity Files.
- o Prepared of the UNIT test scripts, Execution and capturing the results based on the impact analysis and component design
- o Hands on experience in Scheduling and running batch jobs using JCL UTILITIES.
- o Used Endeavor as version control tool for code check-ins, code retrievals, and Change Request management at different SDLC levels.
- o Adhered to companies QA standards Using HP ALM tool to update the defect status at different SDLC stages.
- o Supported System and Integration testing with other vendors of the client to prioritize and make sure the changes is as expected
- o Created an implementation plan and spearhead the production installation, Track daily progress on the implementation and co-ordinate with various support groups (operations, DBA etc.) for the implementation.
- o Prepared of the different trackers like Weekly status reports, and several other templates to get the status of the assigned tasks for the project team.

Environment/Tools/Technologies: ZOS, COBOL, JCL, DB2, VSAM, CICS, SPUFI/QMF, Endeavor, Xpeditor, IBM FAULT ANALYSER, FILE-AID, SYNC SORT, and HP ALM

Sr. Software Developer, TCS   **Aug 11 – Nov 13**

Chrysler - Auburn Hills

Project – Mopar PentaSap

Mopar has developed its system to serve manufacturing giant Chrysler to build & serve the vehicles that Chrysler sells. Main functions of the Mopar is Receiving parts from suppliers, Distributing parts through warehouses and distribution systems, Mopar selling parts to dealers, Dealers selling parts. EBOM tracks all the parts supplied for build the vehicles and SBOM tracks all the serviceable parts. The Mopar Part Master is the backbone of most of the Mopar systems that allow us to procure, receive, and sell parts that enable our dealers to service Chrysler vehicles. Many Chrysler systems are involved to ensure that Mopar has the parts to service these vehicles. There is a Mopar purchasing system that creates and maintains Purchase Orders. The Mopar MARCS system plays a major role in Mopar obtaining parts from suppliers, which analyses the demand for a part.

Contribution:
- o Involved in the Requirement analysis and Designing.
- o Converting IMS to DB2
- o Converting VSAM files to load into DB2
- o Prepared Program Specification, Test Plan documents.
- o Development of programs based on Program Specs.
- o Performed Unit testing, and supporting further testing Stages like ASSEMBLY, SYSTEM, INTEGRATION, PRE-PROD, PROD.
- o Reviewing the work done by the team members
- o Create metrics on weekly and monthly basis for the application (delivered defect density, defect classification by priority/severity, warranty support volume handling)
- o Overseeing activities related to project deliveries, stakeholder communication and status update communications to top level management

Technical Details:
- o Used FILE-MANAGER to create and maintain VSAM (KSDS), PDS, and PS.
- o Used IBM DEBUGGER to test and monitor step-by-step execution of programs.
- o Developed Batch jobs to process Daily Activity Files.
- o Prepared UNIT test scripts, Execution and capturing the results based on the impact analysis and component design
- o Prepared System test scripts, Execution and Capturing the test results
- o Executed 15 applications Assembly testing by coordinating with Accenture PentaSAP team and getting the signoff
- o Prepared Integration test scripts, execution and Preparing the test result documents
- o Worked extensively on VSAM file reads and updates.
- o Wrote COBOL/VSAM Batch programs for Report generations and data processing.
- o Hands on experience in Scheduling and running batch jobs using JCL UTILITIES.
- o Used DCCS as version control tool for code check-ins, code retrievals, and Change Request management at different SDLC levels.
- o Adhered to companies QA standards Using Mercury Quality Center tools to update the defect status at different SDLC stages.
- o Supported Assembly testing with other vendors of the client to prioritize and make sure the changes is as expected
- o Created an implementation plan and spearhead the production installation, tracked daily progress on the implementation and co-ordinated with various support groups (operations, DBA etc.) for the implementation.
- o Prepared different trackers like Traceability Matrix, Weekly status reports, and several other templates to get the status of the assigned tasks for the project team.
- o Participated in the daily stand up SCRUM agile meetings as part of AGILE process for reporting the day to day developments of the work done

Environment/Tools/Technologies: ZOS, COBOL, JCL, DB2, IMS-DB, VSAM, SPUFI/QMF, DCCS, IBM DEBUG TOOL, IBM FAULT ANALYSER, FILE-AID, EasyTrieve, SYNC SORT, CA7, and Clear Quest

Sr. Software Developer	**May 10 – Jul 11**
CNA INSURANCE, Capgemini, India	

ACT (Automated Claims Transaction)

- o ACT (Automated Claims Transaction) as referred as ACS (Automated Claim System) is the core claim processing system for CNA Insurance. Automated Claim Transaction (ACT) system is an on-line claims processing system which acts as a central repository for CNA claims information.
- o ACT processes around 800,000 transactions including about 20,000 payments averaging $30 million per day for both Personal and Commercial Line claims. ACT is an intake system which Interacts with multiple other interfaces for processing Payment, Recoveries and financials Information.

Contribution:

- o Involved in project estimation, offshore project management to maximize levels of Productivity
- o Involved in the Requirement analysis and Designing
- o Prepared Program Specification, Test Plan documents
- o Developed programs based on Program Specs
- o Performed Unit testing, End-to-End testing and supporting further testing Stages like SAT, UAT, PRE-PROD, PROD
- o Provided induction and training to new team members
- o Carried out transition Activities, taking the transition, prepared the understanding documentation and the transition Handbook
- o Peer reviewed the code and test cases.
- o Collected and submitted metrics on monthly basis.

Technical Details:

- o Used TSO/ISPF utilities to create and Maintain PDS, PS, etc. and to monitor Spools and to migrate files from one region to other regions.
- o Used FILE-AID to create and maintain VSAM (KSDS), PDS, and PS.
- o Used ASG Smart Test tool to test and monitor step-by-step execution of programs.
- o Developed Dummy driver programs using KSDS, TSQ to perform unit testing of Online Application programs.
- o Used CEMT, CECI, CECA, CEBR etc. CICS Transactions.
- o Developed DB2 embedded COBOL programs with CICS commands to link to other programs.
- o Extensively worked on DB2 cursor development with joins and also on Sub-queries and Co-related sub-queries.
- o Used Explain Plan and Explain Program for DB2 performance tuning.
- o Written COBOL/DB2 Batch programs for Conversion, Migration and Maintenance of Application data.
- o Hands on experience in Scheduling and running batch jobs using JCL UTILITIES.
- o Used Endeavor as version control tool for code check-ins, code retrievals, and Change Request management at different SDLC levels.
- o Used SPUFI, QMF tools for easy retrieval and updating of data mainly in Development /Testing environments.
- o Environment/Tools/Technologies: Z/OS, COBOL, JCL, CICS, VSAM, ENDEAVOR, FILE-AID, SPUFI, QMF, ABENDAID, and EasyTrieve

Sr. Software Developer	**Aug 08 – Apr 10**
Discover Financial Services, Capgemini, India	

Project: CPB (Card Member Posting and Billing)

- o Discover Financial Services is a leading credit card issuer company and is one of the most recognized brands in U.S. financial services. Since its Inception in 1986, the company has become one of the largest cards Issuer in the United States.
- o The Card member Posting and Billing plays a key integral role in the process of managing transaction activities and extracting information for reports. The posting process gets information from various other systems like promotion enrolment, cash access, MPES (Monetary Product and Enhancement System) Solar online System, etc. to perform transaction updates. The billing process extracts information to generate statements for customers that cycle on a particular day and produces daily, weekly and monthly reports. All the transaction updates are done in the UNIX portion of the CPB system. The system handles various transactions activity of all the different brands of cards viz., Discover, Private Issue, Corporate and Affinity. CPB performs only the core calculations and other non-monetary updates for the customer account. Other calculations such as rewards are done in separate systems. Also the customer statements are generated by another application. Since CPB processes inputs from various other systems and generates outputs that are used by different departments like accounting, finance, etc.

Responsibilities:
- o Estimated, Analyzed, Prepared low level Designs, Coding, Testing and peer reviews.
- o Prepared Unit Test Plans, Unit Testing and Unit Test reviews.
- o Provided support to the Business Information Analysts during the System Testing and fixing the problems reported.
- o Involved in Level 3 production support activities, which involved on-call support for month.
- o Collected and submitted metrics on monthly basis.
- o Arranged necessary technical/managerial trainings for team
- o Ensured the timesheet compliance is 100%.
- o Carried out Transition Activities: Taking the transition, preparing the understanding documentation and the Transition Handbook

Technical Details:
- o Modified existing MF Cobol-Oracle Batch program
- o Analyzed the job log to find the production ABEND and fix them and impact analysis to resolve user queries.
- o Used MVS utilities to allocate new datasets, catalog/ un-catalog dataset, copy dataset, transmit dataset from one mainframe region to another using XCOM or NDM and dataset compare.
- o Used Explain Plan and Explain Program for DB2 performance tuning.
- o Wrote COBOL Batch programs for Conversion, Migration and Maintenance of Application data.
- o Used SPUFI, QMF tools for easy retrieval and updating of data mainly in Development /Testing environments.
  Environment/Tools/Technologies: ZOS, UNIX, COBOL, MFCOBOL, JCL, VSAM, File-Aid, UNIX, EXSEED, CA Intertest and Oracle.

Developer   **Jul 07 – Jul 08**
Aigdirect.com, Capgemini, India
Claim Integration
The main objective of policy/claim interface between PLCS and APS is to enable PLCS to communicate with the 21st Century Policy System and retrieve Policy Information. Going forward PLCS should be able to take Claims on 21st Century Policies. PLCS should be able to provide Claim Information to APS as and when required on a real time basis. In addition PLCS should be able to search for APS Claim and Claimant Information. To support the current APS functionality, APS Policy gets data from APS Claims system. These data requests need to be supported when the claims are in the PLCS. Currently there are 12 different types of requests from APS Policy to APS claims. These requests are analyzed and data requirements for each of them are identified. Until all the claims are converted from APS Claims into PLCS, these requests need to look in both APS claims and PLCS. When all the claims are converted, APS needs to look only the PLCS system for claims data. These planning artifacts included Functional Requirements, Technical Specifications, UI Design, Project Plan, Test Strategy, and Test Plan.

Responsibilities:
- Involved in Level 3 production support activities, which involved on-call support for month.
- Low Level Design: Document the impact analysis and component design and get sign off on the same
- Reviewed the developed code to check any discrepancies
- Prepared test scripts at different phases (UNIT, SYSTEM, and INTEGRATION)
- Validated and documenting the test results. Sharing the same with onsite.
- Prepared the Tracking sheets for all the phases of the project and sharing the status to Onsite/Manager
- Carried out Transition Activities: Taking the transition, preparing the understanding documentation and the Transition Handbook

Environment/Tools/Technologies: ZOS, COBOL, JCL, VSAM, DB2, File-Aid, CHANGEMAN, MQ Series and XPEDITOR

Developer	**Apr 06 – Jun 07**
Discover Financial Services, Capgemini, India	

Project: - DMS (Dispute Management system)

Discover Financial services (DFS) is a business unit of Morgan Stanley that operates the Discover Card brands which offers a variety of Cards to meet the needs of individual Card members. DMS (Dispute Management system) is a Card Member Services application used to perform all the activities associated with Card member disputes including functions for initiating a dispute case, adding and view case memos and follow-up actions. Process automation and systems integration minimizes manual work, automating routine tasks such as data retrieval, duplication detection, financial adjustment, and cardholder correspondence. This is development module and mainly rewriting the existing programs according to the new database.

Responsibilities:
- Involved in Level 3 production support activities, which involved on-call support for month.
- Ensured the timesheet compliance is 100%.
- Analyzed of the Technical Change Document (TCD) provided by the client.
- Prepared a complete Detail Design document.
- Coding, debugging and Unit Testing – Prepared Unit test plan and Unit test report.
- System Testing – Prepared System test plan and System test report.
- Provided support to the onsite team during System Integration Testing
- Documented the application/technical knowledge gained during problem log resolutions

Environment/Tools/Technologies: Z/OS, COBOL, JCL, DB2, VSAM, SPUFI, DCLGEN, TSO/ISPF, IDCAMS, IEBGENER, ENDEAVOR, FILEAID, IBM DEBUGGER.

Developer - Contractor on behalf of Magna InfoTech	**Dec 04 – Mar 06**
DUN & BRADSTREET, IBM, India	

Project: - Dun & Bradstreet

Dun & Bradstreet, the leading provider of global business information, has enabled customers to Decide with Confidence for over 160 years. D&B's proprietary DUNS Right TM process provides customers with quality information, which is the foundation of D&B's solutions that customers rely on to make critical business decisions. D&B helps the customers in various ways by identifying 100% visibility of corporate spending so that they can increase their negotiating leverage, identify savings opportunities, consolidate suppliers, monitor supplier risk and achieve their diversity objectives.

Responsibilities:
- Played a key role in requirements gathering, technical design, schema design, development, testing and implementation
- Created Low level design documents
- Analyzed, coded, test plan preparation and completed Unit and Integration testing
- Developed COBOL/JCL/DB2 programs
- Created JCLs to execute the COBOL programs

  o Documentation of the enhancements

Environment/Tools/Technologies: OS/390, COBOL, JCL, SAS, DB2, VSAM, SPUFI, DCLGEN, IDCAMS, IEBGENER, SDSF, Panvalet, XPEDITOR, and File-Aid.

References
  o Sudheer Pinnamaneni, email: pinsudheer@gmail.com
  o Mallikarjun Nidamanuri, email: malli.nidamanuri@gmail.com

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5. Mallikarjuna Grandhe

With over 13 years of experience in the Software Development Life Cycle (SDLC) and Mainframe application development and support, Mallikarjuna brings a wealth of expertise in COBOL, JCL, DB2, CICS, Teradata, and more. Further, with a proven track record of successful software development and production support, ensuring optimal performance and reliability. He has extensive experience in various domains including Healthcare, Banking, Retail, and Telecom. Proficient in both Waterfall and Agile methodologies, he excels in both independent work and collaborative team environments. His recent role at Conduent involved working on the VA MMIS Medicaid system, focusing on modules like Claims Entry, Claims Adjudication, and Claims Payment. Also, he has capability of analyzing and interpreting business requirements, translating them into efficient technical solutions using COBOL, JCL, and DB2. Additionally, Mallikarjuna has contributed to projects at Cigna, BNYM, and AT&T, demonstrating their versatility across different sectors and technical landscapes. Holding a Master's in Computer Applications, his qualifications are further solidified by certifications such as MMIS Level-1. Mallikarjuna is adaptable and solution-oriented, with a commitment to delivering high-quality software solutions that meet or exceed client expectations.

Resume

Mallikarjuna Grandhe

Professional Summary:
  o Overall 13 years of experience in all phases of Software Development Life Cycle (SDLC) and development of Mainframe applications and Productions support.
  o 10+ years of experience in Mainframe Technologies with a strong emphasis on Development, Enhancement and Production support activities inclusive of handling customer issues ensuring maximum customer satisfaction.
  o 10+ years of experience in developing application programs using COBOL, JCL, DB2, CICS, Teradata, EASYTRIEVE and VSAM.
  o 3+ years of experience in developing application programs using Microfocus COBOL, JAVA, AWS Cloud.
  o Expertise in monitoring daily batch cycle and fixing the production ABENDS as and when they occur.
  o Functional experience includes Healthcare, Banking (Mutual Funds), Telecom.
  o Experienced in Maintenance and Enhancement Projects on MMIS domain applications.
  o Good in Business Requirement Document (BRD), Functional Design Document (FDD), System Test Case documents. & Use Case Document
  o Testing skills include performing Unit, Regression, Integration, and Volume testing as well as Development, Execution, and Maintenance of Test plans, Test specifications and Test scenarios.
  o Expertise in providing Application support engagements and On Call (24*7) Support for Production Problem Resolution.
  o Good in Analysis of Current system (existing Process) & Process Methodologies
  o Good knowledge in HIPAA, Claim Adjudication, Pricing strategies, Good in Medicare, Medicaid programs.
  o Analyzing and representing customer business requirements, Perform feasibility analysis.
  o Zeal to accept challenging work environment, Dedication towards work and having good analytical and technical skills.
  o Have ability to work independently as well as a team member on projects.

Technical Profile:

- o Operating Systems: Windows 7/8/10/11/2003/XP, z/OS
- o Languages & Software: MS Office, COBOL, JCL, DB2, VSAM, CICS, SQL, EASYTRIEVE, Micro Focus Cobol
- o Domains: US Healthcare, Banking, Retail, Telecom
- o Methodologies: Waterfall, Agile
- o Miscellaneous: Clear quest, ADO (Azure Dev Ops), Requisite Pro, Control-m
- o Project Management Tools: SQL Developer, QMF, File-Zilla, Platinum, File-Aid Intertest, SPUFI, FILEMASTER, File-aid, Endeavour, CHANGEMAN, Tivoli, CA-7, Remedy, Hawe-Eye, and Share tool
- o Certifications: MMIS Level-1 certification
- o Databases: DB2, MySQL and Teradata

Professional Experience:

Mainframe Developer / BA	**Sep 2019 – Present**
VA- MMIS (Medicaid Management Information Systems, Conduent, VA	

VA MMIS Medicaid is a government-funded healthcare program in the United States that aims to provide medical assistance to low-income individuals and families. Established in 1965, Medicaid is jointly administered by the federal government and individual states, with each state having some flexibility in determining eligibility criteria and coverage options. The program primarily serves vulnerable populations, including pregnant women, children, elderly adults, and individuals with disabilities. Medicaid offers a range of healthcare services, such as doctor visits, hospital care, prescription medications, and preventive care. It plays a crucial role in ensuring access to essential healthcare services for those who may otherwise be unable to afford them, promoting health equity and reducing health disparities across the nation. The claims system verifies, adjudicates, and processes the claims submitted by the service providers through the five subsystems namely, Provider, Recipient, Claims, Financial and Reference. The application also allows the users for online change and inquiry of the various medical benefits they can avail.

Responsibilities:
- o Designing & developing new modules and business logic depending on business requirement.
- o Provide support to Medicaid production system.
- o Working as an abled techno-functional engineer involved in coding and unit testing of complex solutions in the following functional areas –
  - Reference
  - Provider Data
  - Member Data
  - Claims Entry, Claims Adjudication & Claims Payment
  - Benefit Plans
  - Claims Financial Management
  - Third Party Liability Management (TPL)
- o Designing and coding technical & performance issues in the application reported in Production environments
- o Contributing to implementation and production support of Health Care application
- o Wrote BRD, FRD, use cases, test scenarios, test cases for testing the functional and non-functional aspects of both ETL jobs and Reporting jobs
- o Testing various change orders of Medicaid applications received from the System Engineer's
- o Performing Client interactions for functional understanding, discussions, and delivery acceptance.
- o Scheduling and participating in Defect review meetings with quality team, Business Analysts, SMEs and project teams/stakeholders to discuss issues found during development/testing and their status.
- o Developing and coding Medicaid related modules such as Eligibility/Member System, provider enrolment and claims processing system
- o Developing and coding over 100 business rules using configurable methodology for rapid customization which leads to lower maintenance time.

- o Leading the team to develop technical solutions doing code review to ensure best in industry standards are met.
- o Responsible for the day-to-day maintenance of the application systems in operation. including tasks related to identifying and troubleshooting application issues and issues resolution or escalation.
- o Performing requirement/change request analysis for critical implementation that includes CMS (Centers for Medicare & Medicaid Services) certification mandates.
- o Discussing with SMEs and functional leads on state specific needs for Service Authorization, Member (Member Enrolment, Member Dis-enrolment) Modules, Claims (Claims payment, claims Adjudication & Claims pricing) modules.
- o Designing and coding to generate capitation claims for 150,000 members per month.
- o Designing, coding, and unit testing 3000 customized edits for claims auditing/ adjudication purposes.
- o Preparing effort estimation for design, development, and unit testing.

Environment: Cobol, Jcl, Db2, Cics Easytrieve, platinum, file master, intertest, ADO (Azure Devops), Control-M, SQL Developer.

Cobol Developer	Sep 2016 – Sep 2019
Cigna-Health Insurance Cigna, VA	

InsPro Enterprise is a single platform enterprise policy administration system. It is engineered to manage all insurance processes on a single platform, from product development through policy administration, claims, and self-service web portals. We made a highly complex system easy for the business user to use, with simple configurability and business user-friendly functionality. InsPro Enterprise's rules-based configuration engine streamlines product development as well as overall policy administration

Responsibilities:
- o Involved in the maintenance and testing of backend business process of Medicaid Claim subsystem.
- o Client interactions for functional understanding and implementing new functionalities in the system.
- o Analyzed business requirements and current system functionality.
- o Understood requirements and Performed impact analysis, high and Low-level designs for the Medicaid requirements.
- o Performed Coding new programs or implementing new functionalities in existing programs.
- o Performed in test planning, test cases creation, testing and documentation in Unit region.
- o Developed System testing Test plans.
- o Scheduled and participated in Defect review meetings with quality team and preparing defect log along with solution for the defect.
- o Created packages - migrating the elements to different regions in Endeavour.
- o Prepared system documentation for edit logics.

Environment:
- o Micro focus Cobol, Jcl(scripts), SVN, Java, Net express, Aws, GitHub

Tech Lead	Jan 2014 – Sep 2016
(Transfer Agent) - FSR (Full-service Retail)	
BNYM, MA	

FSR was developed in-house in 1990 as a mainframe-based application in an OS 390/MVS environment. As a transfer agency system, FSR performs comprehensive shareholder record keeping functions for mutual funds and alternative investments, such as hedge funds. Functions include transaction processing (purchases, redemptions, exchanges, transfers, adjustments, and cancellations), distribution processing (dividends and capital gains), commission processing, shareholder features (automatic investment plans, systematic withdrawal plans, systematic exchanges), and supplying standard or custom data feeds to support printed output (statements, confirmations, checks), sales reporting, and tax reporting. FSR can support 10,000 concurrent online users. It has in excess of 1,000 online screens, 2,000 batch jobs, and 700 system-generated standard reports. Five parallel cycles of the system run on a nightly basis

Responsibilities:
- o Identified and fixed production problem, and provided the Root cause analysis.
- o Monitored jobs and fixed production issues for the Batch run.
- o Attended Primary calls from Production Control and solved the ABENDs.
- o Analyzed the JOB and finding out the reason behind the ABEND.
- o Ensured that cycle is completed at particular time given.
- o Carried out impact analysis of maintenance request
- o Worked on enhancement to existing system
- o Prepared functional specifications and detail designed documents.

Environment:
- o COBOL, EASYTRIEVE, JCL, File -Master, Endeavor, Intertest, Cics and DB2.

Technical Associate	Dec 2010 – Jan 2001
AT & T	

CCB- Interexchange Carrier Billing System (ICBS)

AT&T is one of the biggest giants in providing telecom services in USA. This project has Billing system. It has many applications like IBBS, ICBS, IDBS, COLLECTS, UPS West interface, CRUDE and MTECS etc..

Responsibilities:
- o Developed a new code whenever a new feature is added to the functionality of the existing application.
- o Sorted messages/invoices to prepare for guiding and bill format.
- o Edited the messages/invoices for errors when errors are found they are sent to error-correction (MTECS or CRUDE) or they are returned to the carrier depending on who is liable for the error according to the billing and collections contracts.
- o Guided the messages/invoices, so they are billed to the responsible party (the carriers send SWB the messages/invoices by working telephone number (WTN), we have to determine the billing telephone number (BTN).
- o Provided the pre-bill high toll (High Toll Notifiers) and the pre-bill toll for inquiries.
- o Recycled the messages/invoices on the master message files until it is the customer's bill day.
- o Journalized the revenue and formatting the bill-day messages/invoices into the billing segments required by bill format program CQ301.

Environment:
- o COBOL, JCL, File -Master, Xpeditor and DB2.

Education:
- o Master's in Computer Applications MCA, OU, Hyderabad, IND.

References
- o Rama Krishan Kamma, Application Developer, email:ramak.kamma@conduent.com Phone:5732300008
- o Kiran Kumar S , Application Developer, email: Kiran.sampathi@conduent.com,Phone:4708542367 -

6. Pavel Goldberg

With over 15 years of experience as a Mainframe Developer, Programmer, and System Analyst, Pavel brings a deep understanding of IBM mainframe technologies and a strong track record in the financial and healthcare sectors. Proficient in COBOL2/COBOL6, OS/MVS/JCL, DB2/SQL, VSAM/IDCAMS, and CICS. His proficiency extends to Endevor, Changeman, File-AID, SPUFI, and XPEDITER for development and testing.Pavel has expertise in system migration, modernization, and development projects. His roles at IBM, UBS Group, Merrill Lynch/Bank of America, and other organizations involved working on critical projects such as data warehouse applications, legacy system migration, and performance monitoring systems. He excels in collaborative team environments and is skilled in providing on-call support and ensuring system performance and compliance with industry standards. Holding a

Bachelor's degree in Economical Cybernetics from Moscow State University, he has strong educational background that complements his extensive technical skills and professional experience.

Resume

Pavel Goldberg

Summary:
- Over 15 years of experience as a Mainframe Developer/Programmer/System Analyst
- Proficient in IBM mainframes, COBOL2/COBOL6, OS/MVS/JCL, TSO/ISPF, DB2/SQL, VSAM/IDCAMS, and CICS
- Skilled in Endevor, Changeman, File-AID, SPUFI, and XPEDITER for development and testing
- Experienced in system migration, modernization, and development projects
- Strong track record in financial and healthcare sectors
- Collaborative team player with a commitment to delivering high-quality solutions
- Able to provide on-call support and ensure system performance and compliance with industry standards.

Education:

B.S. in Economical Cybernetics   1994

Moscow State University, Russia
- Major: Computer Science
- Minor: Mathematics

Technical Skills:

Hardware: IBM 3090, CLIENT-SERVER, IBM 3081/XA, IBM 3033, IBM 4361, IBM PC

Software: COBOL2/COBOL6/Os390/zOS,   OS/MVS/JCL,   TSO/ISPF,   OS/UTILITIES,   ENDE   SYNCSORT, Changeman, CICS, VSAM / IDCAMS, DB2/SQL, DB2 Native and Cobol Stored Procedures, SPUFI, QMF, XPEDITER, FILE-AID, COBTEST, OPC Scheduling and Monitoring, On-Call Production support, Agile/Scrum, Service Now (SNOW), MQ Series, VB.NET, Pro*C, Unix, Object-Oriented Programming, T-SQL, SQL SERVER, WINDOWS.

Professional Experience:

Sr. Programmer-Analyst / Mainframe Developer   **Jun 2023 – Present**
IBM, New York, NY
- Working on IBM DB2 Data Warehouse Application storing/managing orders
- Fulfilling IBM products in Taiwan/Hong Kong/Korea.
- The IT system includes both Online and Batch components. The Online system utilizes mostly standard z/Os interfaces CLIST / ISPF / REXX interacting with DB2 database.
- The Batch components also contain embedded DB2 SQL calls and VSAM file processing.
- Using various DB2-related tools, administration, and development.
- Performing comprehensive QA/Test tasks, including documentation, test data, etc.

Sr. Programmer-Analyst / Mainframe Programmer / Systems Analyst   **Nov 2019 – Mar 2023**
UBS Group, Weehawken, NJ
- Worked on the migration of various Legacy Applications, components of Loan/Mortgage systems to a new z/Os Mainframe platform (WMAP, Wealth Management American Platform).
- Performed various Maintenance / Production Support / On-Call tasks with the New Mainframe Platform utilizing different Error Handling tools such as Expeditor, File-Aid, and DB2 tools as well as Scheduling using the OPC system, SNOW (Service Now).
- Developed and Maintained various parts of the Lending system.
- Developed and maintained multiple DB2 modules including Batch Cobol / VSAM, as well as stored procedures written in Cobol as well as Native SPs.

o Adept in running various DB2 utilities, such as Load / Unload, Runstats, Reorg, etc. Developed and Maintained multiple Batch / Cobol Programs.
o Familiar with processing MQ Series datasets through online Interface as well as in Cobol Batch programs. MQ datasets have been mostly used in the interface process with bookkeeping vendors.
o Experienced in working with the Wealth Management department Offshore team.

Sr. Programmer-Analyst / Mainframe Programmer / Systems Analyst   **Aug 2016 – Oct 2019**
Merrill Lynch / Bank of America Pennington, NJ

o Developed and maintained various parts of the Performance Monitor system, showing various Investment and Financial indicators and investment Brokers' statements.
o Participated in the Modernization Project by Converting Cobol z/Os modules From Cobol 5 to Cobol 6 versions, by Recompiling and Modifying / Testing Programs in Endeavor Version Management tool.
o Developed multiple Stored Procedures written in Cobol as well as Native SPs.
o Performed various Maintenance / Production Support tasks.
o Experienced in running various DB2 utilities, such as Load / Unload, Runstats, Reorg, etc. Development and Maintenance of multiple Batch / Cobol Programs having the processing of DB2 tables And MQ Series datasets. Familiar with MQ Series online Interface for Monitoring and Debugging purposes, interfacing of CICS programs with MQ Series as well as VSAM datasets. Familiar with the Service Now Tool.

Sr. Programmer Analyst / Systems Analyst   **Nov 2015 – Jun 2016**
Vanguard Group, Malvern, PA

o Developed various parts of Customer SERP (Supplemental Executive Retirement Plan), written in Cobol / DB2 / VSAM, including multiple Cobol and Native DB2 Stored Procedures, Batch DB2, and CICS. It included Investment, Financial / Mutual Funds Applications, and Reports.
o Used Agile methodology (using 2 weeks sprint) for carrying out the development activities
o Involved in a full life cycle including business customer interaction, analysis, and design.

Sr. Programmer Analyst   **Feb 2013 – Oct 2015**
Independence Blue Cross Group, Philadelphia, PA

o Developed and Maintained various Medical Insurance Enrolment Applications including Enrolment In and Outbound, Enrolment Database Maintenance DB2 / CICS Applications, Enrolment Interfaces, Mailings and Mandates, and others, written in several languages including Cobol / SAS / CICS / DB2 / JCL / VSAM on Mainframe.
o Performed Production support / On-Call tasks, and utilized a wide range of Mainframe tools, including SYNCSORT, File-Aid, Expeditor, etc.

Sr. Programmer Analyst   **Oct 2011 – Jan 2013**
Vanguard Group, Malvern, PA

o Developed and Maintained various Investment, Financial / Mutual Funds Applications including Financial Management / Tax Applications dealing with REIT securities (various Real Estate Investment securities), created and maintained Applications dealing with Tax Lots, of Applications automating QDI, Expense Ratio calculations, and others, written in several languages including Cobol / CICS / DB2 on Mainframe and VB.NET / T-SQL / SQL Server On Client Server Platform.
o Produced various reports and calculations for Tax reporting and Business analysis purposes, using VB.Net applications.
o Carried out T-SQL Stored procedures for interfacing VB.Net UI and SQL Server
o Coded multiple Cobol programs to generate reconciliation Reports and development and maintenance of VB.Net Front End applications.

- o VB.Net development included the usage of ADO.Net, Report Generator, Datasets, and other Object-Oriented technologies.
- o Developed numerous T-SQL Stored Procedures performing Data Import, Producing Reports. T-SQL procedures included usage of Cursors, complex SQL statements, Temporary tables, etc.
- o Coded Cobol programs using DB2 which are part of the CICS Online Application used as an interface to the main Data Warehouse ('Invest One').
- o Host Cobol programs used MQ Series calls to send messages to various systems including Unix and Windows.

Senior Programmer / Analyst   **Sep 2008 – Sep 2011**
United Healthcare Company (UHC), Uniprise Division Basking Ridge, NJ

- o Experienced in developing Claims Delivery and Capitation systems Utilizing various Mainframe Batch and Online components – DB2, REXX, SAS, ISPF CLIST, JCL, VSAM.
- o Developed multiple Cobol and SAS programs, and produced various reports and Data Extracts, which were then sent/transmitted to the clients/vendors using FTP, NDM, and other technologies.
- o Analyzed, coded and maintained applications
- o Experience coding programs in C / Pro*C language on Unix containing Embedded SQL (Exec SQL) queries.
- o Worked with off-shore development and Maintenance / Production support teams.
- o Participated in the full Development life cycle of several subsystems, Such as Rx and Medical Claims delivery components - from Analysing customer requirements to comprehensive QA.

References

- o Steve Gugel- Team lead, Vanguard, phone # 215-588-7547, email: steven_i_gugel@vanguard.com
- o Arthur Isaacs - Team lead, IBM, phone # 929-393-2280, email: Aisaacs@us.ibm.com
- o Issak Brender - Senior Developer, IBM, phone # 215-688-3404, e-mail: ibrender@us.ibm.com

7.   Shabna Changate

Shabna is a highly skilled Mainframe Developer with over 7 years of experience in JCL, COBOL, DB2, CICS, and VSAM programming. Throughout her career, she has demonstrated proficiency in TSO/ISPF, SPUFI, QMF, IBM Debugger, and Endeavor, along with a good understanding of the OPC scheduler. With a keen eye for detail, Shabna has excelled in break-fix, enhancement, maintenance, and user support requests, ensuring the seamless operation of mainframe applications. She is well-versed in the software development life cycle (SDLC) methodologies and has a knack for preparing user documentation and training manuals. Shabna is a dedicated team player with strong analytical, technical, debugging, multitasking, and strategic planning skills, making her an invaluable asset in any Mainframe development project.

Resume

Shabna Changate

Summary:

- o To secure a challenging role as a Mainframe Developer where I can utilize my 7+ years of experience in JCL, COBOL, DB2, CICS, and VSAM programming to contribute to the development of complex mainframe applications.
- o Extensive experience with TSO/ISPF, SPUFI, QMF, IBM Debugger, and Endevor.
- o Good knowledge of OPC scheduler.
- o Experience in break-fix, enhancement, maintenance, and user support requests.
- o Experience with software development life cycle (SDLC) methodologies.
- o Experience in preparing user documentation and user training manuals using MS-WORD, VISIO, Excel, and PowerPoint.
- o Ability to work independently.

- o Excellent Team player with Strong analytical, technical, debugging, multitasking, and strategic planning skills.
- o Ability to resolve technical issues through debugging, analysis, and investigation.
- o Excellent written and oral communication and interpersonal skills.
- o Ability to work and coordinate well with SMEs/Business Users and other members in onshore as well as offshore teams.
- o Innovative and ability to adopt new technologies and systems.
- o Excellent capacity for handling multiple tasks belonging to different applications simultaneously.

Education:

B-Tech in Electronics & Communication Engineering 2006
Government College of Engineering Kannur, Kerala, India

Technical Skills:

- o Key Skills: COBOL, JCL, DB2, VSAM, IBM Utilities, SQL, CICS
- o Operating Systems: IBM Mainframe Z/OS, OS-390, MVS, Windows 9x/2000/XP
- o Languages: COBOL, JCL
- o Database: Db2, IDMS
- o Tools: TSO/ISPF, ENDEVOR, CHANGEMAN, FILEAID, File Manager, QMF, Windows QMF, SPUFI, XPEDITOR, Ditto, IBM Debugger, OPC, Service Now, Fault Analyzer
- o Access Method: VSAM
- o Online: CICS, ADSO
- o Automation Office: MS Word, MS Excel, MS Outlook, MS PowerPoint, MS-Office

Professional Experience:

Mainframe Developer (Contractor – ASCII Group LLC) Tata Consultancy Services	Apr 2022 – Aug 2023

Domain: Utility
Client: American Electric Power
The scope of the project includes Production and Application Support & Maintenance. This project used a highly customized version of Customer/1 called MOM and is delivered as an integrated system supporting Customer Services, Accounting, Distribution, and Meter departments. This is based on Install/1 architecture.

- o Worked on the subsystems of MOM which supports Customer Service and Accounting
- o Worked on Messaging Applications that make use of MQ and send/receive messages to/from the clearing house
- o Worked on Invoice/Payment-related applications that store and reconcile invoices and payment details and also send invoice details to the external Account Receivable system.
- o Worked on Billing Application
- o Fixed the Production job Abends and coordinating with the Mainframe administration team to re-run the failed jobs after providing the required instructions, adhering to the SLA requirements.
- o Performed investigation of the reasons why a customer account number resulted in the job failures by recreating the issue in the development environment and debugging the same if required.
- o Performed extensive analysis of the job dependencies using OPC.
- o Collaborated with team members to identify and resolve issues.
- o Ensured timely delivery of Knowledge Transition documentation.
- o Updated relevant documents & report progress on Maintenance.
- o Managed source control using Endevor.
- o Performed the Root Cause Analysis of the issue faced by business user.

- o Performed code changes to fix the bugs in programs
- o Developed and executed test cases to ensure the quality of the code and the functionality of the application is not affected.
- o Performed regular data fixes in production after necessary approvals.
- o Directed communication and coordination with the Client SME for review of assigned work.
- o Directed communication and coordination with the Functional Analysts/Business Users to have clarification of business requirements.
- o Collaborated with cross-functional teams to ensure the successful completion of tickets within SLA timelines
- o Worked on clean-up activity including the impact analysis, to retire obsolete components.
- o Ensured all key processes were completed within the timeframe.
- o Ensured that the Response SLA and the Resolve SLA were always met while working on Service Now incidents.

Environment & Tools: Cobol, JCL, DB2, CICS, TSO/ISPF, IBM Debugger, Endevor, File-aid, Fault Analyzer, QMF, Windows QMF, SPUFI, OPC, Service Now, IR360, Install/1, MQ

Freelancer – Trainee	**Nov 2021 – Mar 2022**

Role: Training Mainframe Developers
- o Worked on Training Mainframe machine
- o Helped in taking freelance classes for Mainframe developers on below area
- o Introduction to JCL, Cobol, VSAM, DB2, CICS

Mainframe Developer	**Nov 2009 – Jan 2013**
Cognizant Technology Solutions, Chennai, Tamil Nadu, India	

Domain: Insurance
Client: Liberty Mutual
- o Worked through the project life cycle SDLC Software Development Life Cycle which is a Waterfall methodology starting from high-level design to system/integration testing.
- o Performed Impact analysis of the system to identify code changes.
- o The project also involved fixing any defects arising during enhancements and responding to questions from various business or IT partners related to Finance Applications.
- o Used various IBM utilities like DFSORT, IEBGENER, and IDCAMS to write various jobs depending on requirements.
- o Created unit test plan and execute Unit Testing.
- o Provided root cause analysis of the defect and resolution of it in the System testing phase.
- o Performed Impact Analysis, coding, and testing of the COBOL-CICS-DB2 program, JCLs, and Copybooks.
- o Analysed and found the root cause of a data issue in a core Assembler program that was used in multiple applications.
- o Used XPEDITOR to debug both online and batch programs.
- o Provided Fix in case of abends or defects.
- o Postproduction warranty support
- o Ensured that the Project specification and the Production code are in sync, thus helping to get the requirements clear and to keep the Project Specification document up to date.

Environment: Cobol, JCL, DB2, CICS, TSO/ISPF, Xpeditor, Changeman, File-aid, IBM Utilities, QMF, SPUFI, Assembler

Mainframe Developer	**Dec 2006 – Oct 2009**

Mahindra Satyam, Secunderabad, Telangana, India

Domain: Healthcare
Client: GE Healthcare
The scope of the project includes Production Support & Maintenance.
- o Maintained & Enhanced existing programs to meet the changing business requirements
- o Performed the Root Cause Analysis & incorporate changes if any to solve the problems faced by business users
- o Fixed the Production job Abends and coordinating with the Mainframe administration team to re-run the failed jobs after providing the required instructions.
- o Ensured timely and defect-free delivery
- o Updated Relevant Documents & Report Progress on Maintenance
- o Daily Production support from Offshore, special monitoring, and schedule changes of batches during month-end and year-end financial closings including monitoring of jobs and fixing problems if any.
- o Directed communication and coordination with the client to have clarification of business requirements.
- o Ensured all key processes were completed within the timeframe.
- o Updated relevant documents and provided regular status updates to the management

Environment: COBOL, JCL, IDMS, ADSO, Beta92, AVISO, TSO/ISPF

References
- o Deepak Pai - Technical Architect, TCS (USA), Phone: +1 380 895 6037
- o Vivek Pandey, Team Lead, TCS (India), Phone: +91 - 8826426616
- o Avishek Banerjee, Technical Architect, TCS (USA), Phone:+1(614)743-0597,
  email: banerjee.avishek@tcs.com

8. Shajitha Farhath

As a Technical Lead with over 11 years of experience, this professional has a strong background in mainframe technologies, particularly in COBOL, JCL, VSAM, CICS, and DB2. Shajitha has worked extensively in various domains such as Health Insurance, Retail, and Trading, contributing to product development, implementation, migration, maintenance, and production support projects. Proficient in Agile methodology, she excels in collaborating with stakeholders to define software requirements, plan projects, and ensure timely delivery. With a solid educational foundation in Computer Science and Engineering from Anna University, they possess excellent technical leadership skills, mentoring offshore teams and effectively managing resources. Their expertise includes mapping technical specifications to business requirements, conducting GAP analysis, and coordinating project meetings with various stakeholders. Through her roles at Infosys, Deloitte, HPE, Cognizant Technology Solutions, and others, she has demonstrated her ability to deliver high-quality solutions, manage project timelines, and provide effective support throughout the development lifecycle.

Resume

Shajitha Farhath

Summary:
- o Technical Lead with 11+ years of hands-on experience in planning, developing, and implementing solutions using mainframe technologies.
- o Expertise in mainframe technologies COBOL, JCL, VSAM, CICS Web services, DB2, SQL, IMS DB/DC, and various mainframe version control, debugging, scheduling, map designing, ticketing tools & utilities.
- o Extensive experience in Health Insurance, Retail, and Trading domains.

- o Proficiency in Agile methodology and tools required for storyboarding use case analysis, Epics, and estimating story points for individual tasks about user stories, analysing, and estimating the efforts required to better manage the customer requirements and deliver the same with the highest quality.
- o Proven experience in Product development, Implementation, Migration, Application Maintenance, Expansion, and production support projects.
- o Strong technical leadership skills to mentor and manage offshore teams from onshore.
- o Proficient in mapping technical specifications to business requirements and performing GAP analysis for the development of software applications.
- o Proven ability to manage resources and work directly with business stakeholders on critical aspects of contracts.
- o Significant experience in conducting & coordinating project meetings with business users, analysts, SMEs, clients, third-party or external vendors, and application interfacing teams.
- o Highly motivated team player with strong communication and problem-solving skills.

Education:

B.E Computer Science and Engineering   2011
Anna University, Chennai, India

Technical Skills/Tools:

- o Operating System: z/OS
- o Platform: IBM Mainframes
- o Programming Languages: JCL, COBOL, CICS, IMS DC
- o Database: DB2, IMS/DB, VSAM, Datacom
- o Version Control Tools: Change-man, Endeavor
- o Debugging Tools: Xpeditor, IBM Debugger, Fault Analyzer, CEDF
- o Schedulers: CA7, Control-M
- o Ticketing Tools: JIRA, BMC Remedy, Service Now

- o Other Tools and Utilities: ISPF/TSO, SDSF, File Manager, QMF, SPUFI.

Professional Experience:

Technology Lead   **Sep 2020 – Present**
Infosys, Charles Schwab
Technologies Used: COBOL, JCL, DB2, VSAM, Service Now, JIRA, Fault Analyzer
 Projects worked: Application modernization and migration to support Schwab Trade allocation systems and Trade correction systems, TD Ameritrade integration, NDM to SFTP migration, Datacom to Db2 migration, Datacom retirement.
Responsibilities
- o Collaborating with product owners and business stakeholders to define software requirements, including decomposing stories, designing features, and prioritizing tasks.
- o Liaising with team members, management, and clients to ensure projects are completed to standard.
- o Understanding the scope of work to be performed by analyzing the requirements doing the technical feasibility check and providing development sizing and cost analysis estimates.
- o Preparing a detailed project schedule, baselined the same, and managed all changes to ensure on-time delivery by discussing the product backlog in grooming sessions.
- o Technical specification document with detailed technical analysis and code changes needed for the development team to identify the goals, features, limitations, and timelines necessary to build it.
- o Reverse engineering document preparation which would elaborate the existing flow of the legacy code in mainframe technologies for various features and internal functionality flows within the application to a user-understandable format that can be leveraged for application modernization.

- o Leading the estimation, review the estimates, and communicate to all the stakeholders.
- o Studying the existing systems integrations and implementations to identify the known issues and put forth the optimal solutions.
- o Building Proof of Concept code during scoping and feasibility analysis for a feature requested from the customer use case.
- o Developing complex online and batch applications in mainframe technologies like COBOL, JCL, DB2, CICS, and EZYTRIEVE to support the STAMP trading application to mitigate risk or implement new ideas.
- o Identifying quality goals and processes with the help of QA and prepare a comprehensive quality plan to ensure high-quality delivery.
- o Highlight and work on project issues, concerns, and impediments impacting project timelines.
- o Preparing a release plan and road map for future releases, follow the release checklist, and coordinate with other teams to successfully deploy the changes.
- o Identifying risks and forming contingency plans to avoid business impact.
- o Preparing project tracking reports and share the same with the customer management to reflect the projection completion status.

Mainframe Technical Lead & Sr. Mainframe Application Developer　　　　　　　　**May 2017 – Sep 2019**
Deloitte: Anthem Inc.

Technologies Used: COBOL, JCL, DB2, VSAM, IMS DB/DC, Service Now, JIRA, Fault Analyzer
Projects worked: WGS Enrolments (Online and EET batch) - COVA Migration, NASCO Migration, CS90 Migration, CPC Commercial migration.
Responsibilities

- o Communicated with SMEs to understand the requirements & application functionality.
- o Participated in project-specific meetings to provide progressive status of assigned tasks.
- o Participated in brainstorming sessions, and design approach discussions to finalize the approach.
- o Analysed the existing programs to understand the current functionality, write the new programs, modify existing programs, debug changed programs to identify and fix the issues, and review the programs.
- o Worked on assigned tasks and estimations, and track them to ensure timely delivery.
- o Prepared high-level and detailed design documents, test plans, and test result documents.
- o Worked on new development, enhancement, maintenance, and support requests. Setup test data, and test scenarios, perform unit/integration testing, and capture test result documents
- o Worked on other BAU-related development and enhancement tasks.
- o Worked on JIRA tickets assign tickets to developers and track them to ensure timely deliverables.
- o Highlighted and work on project issues, concerns, and impediments impacting project timelines.
- o Scheduled code walk-through sessions with the team to take them through modified code & testing approach.
- o Worked on release activities, production release documents, and post-release verification.
- o Provided warranty support and work on post-production issues.

Sr. Mainframe Application Developer　　　　　　　　　　　　　　　**Aug 2015 – April 2017**
HPE, Blue Cross Blue Shield of Arizona

Technologies Used: COBOL, JCL, VSAM, DB2, CICS, SPUFI, File-Aid, Assembler
Responsibilities

- o Worked with Subject Matter Experts to understand the business requirements
- o Communicated and coordinated with onshore, business users, analysts, SMEs, and architects.
- o Understand business requirements, application functionality, and architecture to work on the requests.
- o Worked on high-priority work requests/trackers to ensure timely delivery to the business.

- o Worked with onshore on the resolution of requests/trackers, review the deliverables, download prod policies for testing, and work with SMEs on a need basis.
- o Developed online and batch programs/jobs, create/modify screens, work on data and code fixes, and provide temporary/permanent solutions or workaround to the user problems.
- o Worked on High-level and Detailed design documents, test plans, and test result documents.
- o Worked on requirements, estimations, development activities, and reviews of the components.
- o Set up test scenarios, and environments for various testing, and provide support to QA and business testing.
- o Scheduled code walkthrough meetings with SMEs/clients to get the code change signoffs.
- o Worked on production release approvals of business users, analysts, QA, and Portfolio managers.
- o Worked on production releases, release, and audit-specific documents.
- o Provided warranty support to the release components.

Module Lead	Jun 2011 – Mar 2014
Cognizant Technology Solutions, Marks and Spencer	

Technologies Used: COBOL, JCL, VSAM, DB2, CICS, QMF, SPUFI, File-Aid, , CA-7, BMC Remedy.
Responsibilities

- o Performed impact analysis, work on task estimates, and request prioritization with business users.
- o Captured functional requirements into technical documentation.
- o Provided 24/7 on-call support to avoid or reduce application downtime and business impact.
- o Participated in application critical calls, and coordinate with interfacing applications to resolve issues within defined SLAs.
- o Worked on high-priority/urgent/critical tickets/incidents, service requests, project requests and compliance-related issues.
- o Led a team of 3-4 members in an onshore-offshore model.
- o Assigned tasks to team members and track them to ensure timely delivery.
- o Conducted and participate in project meetings, status meetings, and business and state meetings.
- o Provided quick assistance to businesses during business hours and off hours.
- o Performed impact analysis, and root cause analysis, work on batch/online code changes & conduct peer code reviews.
- o Worked on production ABENDS with temporary or permanent fixes.
- o Prepared impact analysis root cause analysis technical specification test plan & test result Documents.
- o Worked on new development, enhancement, maintenance, and support requests.
- o Set up test environments and perform unit, integration, regression testing, and support QA/UAT testing.
- o Worked on production requests and get the necessary signoffs/approvals.
- o Worked on release activities, release documents, production checkouts and extend support to production QA testing.
- o Scan the system to identify improvement areas, propose system/ process improvement ideas, and work on those ideas to reduce operational cost & time, and increase stability.

Sr. Mainframe Application Developer	Apr 2014 – July 2015
H.E.B and Walmart	

Technologies Used: JCL, COBOL, CICS Web services, VSAM, DB2, File-Manager, Endeavor, IBM Debugger, SPUFI, Fault Analyzer, CA-7
Responsibilities

- o Communicated with business users to understand the business requirements.
- o Prepared program specifications, test plans, and test result documents.
- o Worked on development, enhancement, and maintenance requests.

- o Performed impact analysis, code efficient programs, jobs, and procs per requirements.
- o Devised an efficient algorithm to meet the customer requirements by doing intense impact analysis and creating a design document for the same.
- o Implemented the code changes required to meet the design requirements in the most optimized way.
- o Unit tested the code with all possible test cases and fix issues seen on the fly.
- o Set up test environments, and perform unit, integration, and regression testing
- o Extend support to QA and UAT testing.
- o Worked on production release requests, get necessary approvals, and support release activities.
- o Worked on production release documents, check components post-release, and notify stakeholders.

References

- o Maneesh. Infosys, Project Manager, Phone: +1 (909) 402-989, Email: maneesh0723@gmail.com
- o Lakshmi - Blue Cross Blue Shield of Arizona, Sr. Developer, Phone: +1 (937) 279-7323, email: lakshmip.7323@gmail.com
- o Vijaya, Architect, Blue Cross Blue Shield of Arizona, Phone: +1 636 262 1040, email: tvj3112@gmail.com

	Department of Administration	**State of West Virginia**
	Purchasing Division	**Centralized Request for Quote**
	2019 Washington Street East	
	Post Office Box 50130	
	Charleston, WV 25305-0130	

Proc Folder:	1381091	**Reason for Modification:**
Doc Description:	Mainframe Application Programmer Technical Staffing Services	Addendum No. 1
Proc Type:	Central Master Agreement	

Date Issued	Solicitation Closes	Solicitation No	Version
2024-03-18	2024-03-26 13:30	CRFQ 0802 DMV2400000003	2

BID RECEIVING LOCATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON   WV   25305

US

VENDOR

Vendor Customer Code:

Vendor Name : Compu-Vision Consulting, Inc.

 Address : 2050 Route 27, Suite 202

 Street :

 City : North Brunswick

 State :   NJ   **Country :** USA   **Zip :** 08902

Principal Contact : Michael Bavaro

Vendor Contact Phone: 732-422-1500   **Extension:** 2106

FOR INFORMATION CONTACT THE BUYER
David H Pauline
304-558-0067
david.h.pauline@wv.gov

Vendor Signature X	_Ahaloo._	**FEIN#** 23-2977235	**DATE** 3/25/2024

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

ADDITIONAL INFORMATION

Addendum No. 1

To move bid opening date to allow time for the Agency to respond to all vendor questions and also allow vendors time to adjust to the responses.

Bid Opening Date is moved to 3/26/24 at 1:30 pm., est.

No other changes.

INVOICE TO	SHIP TO
DIVISION OF MOTOR VEHICLES	DIVISION OF MOTOR VEHICLES
5707 MACCORKLE AVE. S.E., SUITE 200	RECEIVING AND PROCESSING
	5707 MACCORKLE AVENUE, S.E. SUITE 200
CHARLESTON WV	CHARLESTON WV
US	US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Mainframe Application Programmer Technical Staffing Services	0.00000			

Comm Code	Manufacturer	Specification	Model #
81111600			

Extended Description:
See Exhibit "A"
Mainframe Application Programmer Technical Staffing Services. This will be an open-end services contract that will provide the services of mainframe application programmer analysts on an hourly rate basis to provide technical expertise to meet agency needs. These services will be utilized to develop modifications and enhancements to the mainframe computer systems currently utilized by the DMV.

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Vendor Technical Questions Due By 11:00 am., est.	2024-03-12

SOLICITATION NUMBER: CRFQ DMV2400000003
Addendum Number: 1

The purpose of this addendum is to modify the solicitation identified as ("DMV2400000003") to reflect the change(s) identified and described below.

Applicable Addendum Category:

☒ Modify bid opening date and time.

☐ Modify specifications of product or service being sought

☐ Attachment of vendor questions and responses

☐ Attachment of pre-bid sign-in sheet

☐ Correction of error

☐ Other

Description of Modification to Solicitation:

1. To move bid opening date and time to March 25, at 1:30 pm est.
4. No other changes.

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.

2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: DMV2400000003

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 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.

Compu-Vision Consulting, Inc.
_____
Company

_____
Authorized Signature

3/25/2024
_____
Date

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

Proc Folder:	1381091		**Reason for Modification:**
Doc Description:	Mainframe Application Programmer Technical Staffing Services		Addendum No. 2
Proc Type:	Central Master Agreement		

Date Issued	**Solicitation Closes**	**Solicitation No**	**Version**
2024-03-19	2024-03-26 13:30	CRFQ 0802 DMV2400000003	3

BID RECEIVING LOCATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON   WV   25305

US

VENDOR

Vendor Customer Code:

Vendor Name : Compu-Vision Consulting, Inc.

Address : 2050 Route 27, Suite 202

Street :

City : North Brunswick

State : NJ   **Country :** USA   **Zip :** 08902

Principal Contact : Michael Bavaro

Vendor Contact Phone: 732-422-1500   **Extension:** 2106

FOR INFORMATION CONTACT THE BUYER
David H Pauline
304-558-0067
david.h.pauline@wv.gov

Vendor **Signature X**	*Aharo.*	**FEIN#** 23-2977235	**DATE** 3/25/2024

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

ADDITIONAL INFORMATION

Addendum No. 2

To correct typo, the correct bid opening date is March 26, 2024

Bid Opening Date remains 3/26/24 at 1:30 pm., est.

No other changes.

INVOICE TO	SHIP TO
DIVISION OF MOTOR VEHICLES	DIVISION OF MOTOR VEHICLES
5707 MACCORKLE AVE. S.E., SUITE 200	RECEIVING AND PROCESSING
	5707 MACCORKLE AVENUE, S.E. SUITE 200
CHARLESTON WV	CHARLESTON WV
US	US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Mainframe Application Programmer Technical Staffing Services	0.00000			

Comm Code	Manufacturer	Specification	Model #
81111600			

Extended Description:

See Exhibit "A"
Mainframe Application Programmer Technical Staffing Services. This will be an open-end services contract that will provide the services of mainframe application programmer analysts on an hourly rate basis to provide technical expertise to meet agency needs. These services will be utilized to develop modifications and enhancements to the mainframe computer systems currently utilized by the DMV.

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Vendor Technical Questions Due By 11:00 am., est.	2024-03-12

SOLICITATION NUMBER: CRFQ DMV2400000003
Addendum Number: 2

The purpose of this addendum is to modify the solicitation identified as ("DMV2400000003") to reflect the change(s) identified and described below.

Applicable Addendum Category:

☐ Modify bid opening date and time.

☐ Modify specifications of product or service being sought

☐ Attachment of vendor questions and responses

☐ Attachment of pre-bid sign-in sheet

☒ Correction of error

☐ Other

Description of Modification to Solicitation:

1. To correct typo the correct bid opening date is March 26, 2024 at 1:30 pm est.
2. Bid opening date and time remain March 26, 2024, at 1:30 pm., est.
3. No other changes.

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.

2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: DMV2400000003

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 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.

Compu-Vision Consulting, Inc.
_____
Company

[signature]
_____
Authorized Signature

3/25/2024
_____
Date

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

	Department of Administration **Purchasing Division** **2019 Washington Street East** **Post Office Box 50130** **Charleston, WV 25305-0130**	**State of West Virginia** **Centralized Request for Quote**

Proc Folder:	1381091	**Reason for Modification:**
Doc Description:	Mainframe Application Programmer Technical Staffing Services	Addendum No. 3
Proc Type:	Central Master Agreement	

Date Issued	Solicitation Closes	Solicitation No	Version
2024-03-21	2024-03-28 13:30	CRFQ 0802 DMV2400000003	4

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code:

Vendor Name : Compu-Vision Consulting, Inc.

Address : 2050 Route 27, Suite 202

Street :

City : North Brunswick

State : NJ   **Country :** USA   **Zip :** 08902

Principal Contact : Michael Bavaro

Vendor Contact Phone: 732-422-1500   **Extension:** 2106

FOR INFORMATION CONTACT THE BUYER
David H Pauline
304-558-0067
david.h.pauline@wv.gov

Vendor
Signature X _Shaloo._   **FEIN#** 23-2977235   **DATE** 3/25/2024

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

ADDITIONAL INFORMATION

Addendum No. 3

To move Bid opening date to March 28, 2024 at 1:30 pm., est.

No other changes.

INVOICE TO	SHIP TO
DIVISION OF MOTOR VEHICLES	DIVISION OF MOTOR VEHICLES
5707 MACCORKLE AVE. S.E., SUITE 200	RECEIVING AND PROCESSING
	5707 MACCORKLE AVENUE, S.E. SUITE 200
CHARLESTON WV	CHARLESTON WV
US	US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Mainframe Application Programmer Technical Staffing Services	0.00000			

Comm Code	Manufacturer	Specification	Model #
81111600			

Extended Description:

See Exhibit "A"
Mainframe Application Programmer Technical Staffing Services. This will be an open-end services contract that will provide the services of mainframe application programmer analysts on an hourly rate basis to provide technical expertise to meet agency needs. These services will be utilized to develop modifications and enhancements to the mainframe computer systems currently utilized by the DMV.

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Vendor Technical Questions Due By 11:00 am., est.	2024-03-12

SOLICITATION NUMBER: CRFQ DMV2400000003
Addendum Number: 3

The purpose of this addendum is to modify the solicitation identified as ("DMV2400000003") to reflect the change(s) identified and described below.

Applicable Addendum Category:

☒   Modify bid opening date and time.

☐   Modify specifications of product or service being sought

☐   Attachment of vendor questions and responses

☐   Attachment of pre-bid sign-in sheet

☐   Correction of error

☐   Other

Description of Modification to Solicitation:

1.   To move bid opening date and time to March 28, 2024, at 1:30 pm., est.
2.   No other changes.

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.

2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: DMV2400000003

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 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.

Compu-Vision Consulting, Inc.
_____
Company

_____
Authorized Signature

3/25/2024
_____
Date

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

Proc Folder:	1381091	**Reason for Modification:**
Doc Description:	Mainframe Application Programmer Technical Staffing Services	Addendum No. 4
Proc Type:	Central Master Agreement	

Date Issued	Solicitation Closes	Solicitation No	Version
2024-03-25	2024-04-02 13:30	CRFQ 0802 DMV2400000003	5

BID RECEIVING LOCATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON   WV   25305

US

VENDOR

Vendor Customer Code:

Vendor Name : Compu-Vision Consulting Inc.

Address : 2050 Route 27 Suite 202

Street :

City : North Brunswick

State : NJ   **Country :** USA   **Zip :** 08902

Principal Contact : Michael Bavaro

Vendor Contact Phone: 732 - 422-1500   **Extension:**   2106

FOR INFORMATION CONTACT THE BUYER
David H Pauline
304-558-0067
david.h.pauline@wv.gov

Vendor Signature X _Shaloo._   **FEIN#** 23-2977235   **DATE** 3/28/2024

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

ADDITIONAL INFORMATION

Addendum No. 4

To move Bid opening date to April 2, 2024 at 1:30 pm., est.

No other changes.

INVOICE TO	SHIP TO
DIVISION OF MOTOR VEHICLES	DIVISION OF MOTOR VEHICLES
5707 MACCORKLE AVE. S.E., SUITE 200	RECEIVING AND PROCESSING
	5707 MACCORKLE AVENUE, S.E. SUITE 200
CHARLESTON WV	CHARLESTON WV
US	US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Mainframe Application Programmer Technical Staffing Services	0.00000			

Comm Code	Manufacturer	Specification	Model #
81111600			

Extended Description:
See Exhibit "A"
Mainframe Application Programmer Technical Staffing Services. This will be an open-end services contract that will provide the services of mainframe application programmer analysts on an hourly rate basis to provide technical expertise to meet agency needs. These services will be utilized to develop modifications and enhancements to the mainframe computer systems currently utilized by the DMV.

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Vendor Technical Questions Due By 11:00 am., est.	2024-03-12

SOLICITATION NUMBER: CRFQ DMV2400000003
Addendum Number: 4

The purpose of this addendum is to modify the solicitation identified as ("DMV2400000003") to reflect the change(s) identified and described below.

Applicable Addendum Category:

    ☒   Modify bid opening date and time.

    ☐   Modify specifications of product or service being sought

    ☐   Attachment of vendor questions and responses

    ☐   Attachment of pre-bid sign-in sheet

    ☐   Correction of error

    ☐   Other

Description of Modification to Solicitation:

1.   To move bid opening date and time to April 2, 2024, at 1:30 pm., est.
2.   No other changes.

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:
1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.

2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: DMV2400000003

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 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.

Compu-Vision Consulting Inc.
_____
Company

_____
Authorized Signature

3/28/2024
_____
Date

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

Department of Administration Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130	State of West Virginia Centralized Request for Quote

Proc Folder:	1381091	Reason for Modification:
Doc Description:	Mainframe Application Programmer Technical Staffing Services	Addendum No. 5
Proc Type:	Central Master Agreement	

Date Issued	Solicitation Closes	Solicitation No	Version
2024-03-26	2024-04-02 13:30	CRFQ 0802 DMV2400000003	6

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code:

Vendor Name : Compu-Vision Consulting Inc.

Address :   2050 Route 27 Suite 202

Street :

City :   North Brunswick

State :   NJ   **Country :**   USA   **Zip :** 08902

Principal Contact :   Michael Bavaro

Vendor Contact Phone: 732 - 422-1500   **Extension:** 2106

FOR INFORMATION CONTACT THE BUYER
David H Pauline
304-558-0067
david.h.pauline@wv.gov

Vendor Signature X _[signature]_   **FEIN#**   23-2977235   **DATE** 3/28/2024

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

ADDITIONAL INFORMATION

Addendum No. 5

To provide responses to the vendor technical questions, see attached
To provide WV State Calendar showing State Holidays, see attached
Bid opening date remains April 2, 2024 at 1:30 pm., est.

No other changes.

INVOICE TO	SHIP TO
DIVISION OF MOTOR VEHICLES	DIVISION OF MOTOR VEHICLES
5707 MACCORKLE AVE. S.E., SUITE 200	RECEIVING AND PROCESSING
	5707 MACCORKLE AVENUE, S.E. SUITE 200
CHARLESTON WV	CHARLESTON WV
US	US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Mainframe Application Programmer Technical Staffing Services	0.00000			

Comm Code	Manufacturer	Specification	Model #
81111600			

Extended Description:

See Exhibit "A"
Mainframe Application Programmer Technical Staffing Services. This will be an open-end services contract that will provide the services of mainframe application programmer analysts on an hourly rate basis to provide technical expertise to meet agency needs. These services will be utilized to develop modifications and enhancements to the mainframe computer systems currently utilized by the DMV.

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Vendor Technical Questions Due By 11:00 am., est.	2024-03-12

SOLICITATION NUMBER: CRFQ DMV2400000003
Addendum Number: 5

The purpose of this addendum is to modify the solicitation identified as ("DMV2400000003") to reflect the change(s) identified and described below.

Applicable Addendum Category:

☐ Modify bid opening date and time.

☐ Modify specifications of product or service being sought

☒ Attachment of vendor questions and responses

☐ Attachment of pre-bid sign-in sheet

☐ Correction of error

☒ Other

Description of Modification to Solicitation:

1. To provide responses to the vendor technical questions, see attached.
2. To provide WV State Calendar showing State Holidays, see attached.
3. Bid opening date and time remains April 2, 2024, at 1:30 pm., est.
4. No other changes.

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.

2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

CRFQ 0802 DMV2400000003
MAINFRAME APPLICATION PROGRAMMER ANALYSTS
Vendor Questions and Agency Responses

Q1. On the Exhibit A Pricing Page, under the Quantity column, it mentions "20000 (8*2500 hrs)." Could you please clarify if the number "8" indicates the number of Programmer Analysts expected for this contract?

A1. Yes, 8 indicates number of Programmer Analysts. 20000 hours is 2500 hours per year per Analyst x 8 Analysts.

Q2. Could you confirm the work location for this contract? Specifically, are we to anticipate an onsite, remote, or hybrid working arrangement?

A2. Onsite at 5707 MacCorkle Avenue, S.E., Charleston, WV 25304

Q3. Is a technical response required as part of our proposal submission? If yes, could you kindly detail the information that need to be included in the technical proposal?

A3. No. Please see instructions to vendors submitting bids.

Q4. Should we submit the actual resumes of the Programmer Analysts as part of our proposal? If so, are there specific requirements or formats we should follow?

A4. Yes. No specific requirements or formats.

Q5. Is this a new initiative? If not, please provide the names of the current vendor(s) providing the services.

A5. No. Smart Shared Services.

Q6. Can you please let us know the previous spending of this contract?

A6. For the most recent one-year period we paid $480,054.74.

Q7. Please confirm if we can get the proposals or pricing of the incumbent(s).

A7. Here is the link to the bids that was submitted on April 22,2021 for CRFQ DOT2100000114

https://www.state.wv.us/admin/purchase/Bids/FY2021/BO20210422.html

Q8. Are there any pain points or issues with the current vendor(s)?

A8. No

Q9. Please confirm the anticipated number of awards.

A9. One

Q10. Please confirm if we can show our NMSDC certification for SMALL BUSINESS, WOMEN-OWNED, OR MINORITY-OWNED BUSINESS.

A10. Yes

Q11. Can the Department provide the required proposal response format?

A11. Yes, please see instructions to vendors submitting bids.

Q12. What is the place of performance for this work?

A12. Onsite at 5707 MacCorkle Avenue, S.E., Charleston, WV 25304

Q13. Can the work be performed remotely?

A13. No

Q14. Can the Department extend the deadline by a week? It will give us adequate time to find suitable candidates for the required position.

A14. Yes

Q15. Is there an incumbent on this contract? If so, will the Agency Name provide the incumbent name, current contract number, duration, historical level of effort, and value of the contract?

A15. Yes, Smart Shared Services LLC, CMA DOT2100000046, 6/15/21-6/14/24 Total ordered amount $1,258,522,60

Q16. Also, is the incumbent eligible to bid on this project?

A16. Yes

Q17. Is US citizenship required to work on this project or Green Card and H1 VISA holders will also be allowed to work on this project?

A17. Citizenship is not required as long as they are eligible to work in the United States.

Q18. Can the Department provide the level of effort (key personnel) required for this effort?

A18. No

Q19. Section 3.8 reads that "all references to experience requirements listed in this RFQ shall be demonstrated through references". Is the offeror expected to provide a reference per each experience listed in section 3 of the RFQ?

A19. Yes

Q20. Can the department please clarify how many references are required for each proposed personnel?

A20. Enough references to substantiate vendor's claim that the mandatory requirements are being met.

Q21. Can the Department please clarify the expected start date for this contract?

A21. Upon award.

Q22. Has the Department determined a budget for this contract? If so, can the budget amount be shared?

A22. Yes, there is a determined budget. No, the budget will not be shared.

Q23. To be responsive, the firm must be MBE/WBE/SB certified. Please Clarify.

A23. There is no such requirement.

Q24. Exhibit A – Price Page reads that 20,000 (8x2500 hrs.). Can the Department please clarify what 8 refers to?

A24. Yes, 8 indicates number of Programmer Analysts. 20000 hours equals 2500 hours per year per Analyst x 8 Analysts.

Q25. Does the department require 8 FTEs for this effort? If yes, can the offeror provide a different hourly rate for each proposed candidate based on the experience of the proposed candidate?

A25. Eight FTEs are not required.

No.

Q26. Can the Department clarify the required number of resumes for this effort?

A26. One per candidate. See Specifications, Section 3.1

Q27. Should we submit responses to this bid through wvOASIS? Is a mail copy required as well?

A27. Yes, See the Terms and Conditions Instructions to vendors section 6 Bid Submission, Or contract wvOASIS. In regard to the mail copy, no it is not required but it is permitted

Q28. Are we required to submit candidate Live Resumes and references for each proposed candidate with the bid response or we can submit at the time of contract award?

A28. See Specifications Sections: 3.1, 3.2, 3.3, 3.4, 3.5, 3.8.

Q29. How many candidate profiles do we need to submit with our bid response?

A29. There is no requirement for this.

Q30. How many resumes per candidate are required to submit with our bid response?

A30. At least one per candidate.

Q31. If the proposed candidates are not available at the time of award, will the agency allow us to provide replacement personnel with similar or more skills?

A31. Yes, See Specification 5.1.4

Q32. Please provide the list of all the certifications/Licensure which is necessary to attach in the proposal.

A32. See Specifications Section: 3

Q33. What documents are the vendors required to submit as a part of the bid response?

A33. See instructions to vendors submitting bids, Terms and Conditions and Section 5 of the Specifications.

Q34. Can you please clarify the format vendors should use to respond to this request?

A34. See instructions to vendors submitting bids.

Q35. Are we only requested to submit resumes and Exhibit A Pricing as a part of our response? Can you please clarify if any additional information is to be submitted?

A35. See instructions to vendors submitting bids, and specifications for required information, documents.

Q36. What is the new budget for year for this RFP?

A36. This information will not be provided.

Q37. How many active contractors are working on this contract currently?

A37. Six (6)

Q38. Do you intend to move the candidates to new vendors, if the incumbents are not awarded again?

A38. The intention is to obtain qualified individuals to meet the RFQ.

Q39. Please provide the names of the Incumbent vendors for this contract?

A39. Smart Shared Services.

Q40. What is the total spend per incumbent for the duration of the previous contract?

A40. For the most recent one year period we paid $480,054.74.

Q41. What is the total spend per incumbent for the past 12 months of this contract?

A41. See A40

Q42. Can you give the hourly rates for each of the roles requested from the incumbents?

A42. See A7

Q43. What are any challenges or pain points with the present contract vendors?

A43. None

Q44. Will the awarded vendor take over any payrolling of incumbent candidates?

A44. No

Q45. How many vendors do you intend to award?

A45. One

Q46. Will you award the contract to lowest responsive bidder?

A46. Yes, provided they meet specifications.

Q47. How many interviews happen prior to offer?

A47. DMV will not conduct interviews nor make offers to candidates.

Q48. How long does it take from submitted a resume to interview to offer?

A48. DMV will not conduct interviews nor make offers to candidates.

Q49. What would be the number of awards you intend to give (approximate number)?

A49. One

Q50. Please provide us with an estimated NTE budget allocated for this contract.

A50. This information will not be shared.

Q51. Is this an old contract or new contact?

A51. New contract

Q52. What is the tentative start date of this engagement?

A52. Upon award.

Q53. What is the work location of the proposed candidates?

A53. Onsite at 5707 MacCorkle Avneue, S.E., Charleston, WV 25304

Q54. How many resumes are we supposed to submit?

A54. One per candidate.

Q55. Will this be awarded on a lowest-price basis?

A55. Contract will be awarded to lowest price responsible vendor meeting specifications.

Q56. Is this a new contract or are there any incumbents? If there is an incumbent, could you please let us know the incumbent name and pricing and are the incumbents eligible to submit the proposal again?

A56. See A7 and A15

Q57. Are there any pain points or issues with the current vendor(s)?

A57. No

Q58. Could you please share the previous spending on this contract, if any?

A58. See A40

Q59. How many positions were used in the previous contract?

A59. Six (6)

Q60. How many positions will be required per year or throughout the contract term?

A60. Please see Specifications Section: 6.1.

Q61. If the proposed candidates are not available at the time of award, will the agency allow us to provide replacement personnel with similar or more skill sets?

A61. Yes

Q62. Can we provide hourly rate ranges for the given positions?

A62. No

Q63. Is it entirely onsite work or can it be done remotely to some extent / Does the services need to be delivered onsite or is there a possibility for remote operations and performance?

A63. Onsite only. 5707 MacCorkle Avenue, S.E., Charleston, WV 25304

Q64. Are resumes required at the time of proposal submission? If yes, Do we need to submit the actual resumes for proposed candidates or can we submit the sample resumes?

A64. See A28

Q65. Could you please provide the list of holidays?

A65. See Attached Calendar or use the link below.
https://wvtreasury.com/Portals/wvtreasury/content/About%20the%20Office/Contact/Treasurer%20Calendar%202024%20wvOASIS%20Portrait.pdf

Q66. Are there any mandated Paid Time Off, Vacation, etc.?

A66. No

Q67. Could you kindly specify the number of resumes required for submission for the role?

A687. One per candidate

Q68. Can you please clarify the designated work location where candidates will be expected to perform their duties?

A68. Onsite only: at 5707 MacCorkle Avneue, S.E., Charleston, WV 25304

Q69. Could you please provide clarification regarding whether this opportunity is onsite, remote, or hybrid?

A69. Onsite

Q70. Would you be able to provide details regarding the format expected for the vendor response?

A70. See instructions to vendors submitting bids.

Q71. Is the candidate's experience with the Department of Motor Vehicles (DMV) from another state considered suitable for this opportunity?

A71. Yes

Q72. Is it acceptable that the candidate, who is a local of West Virginia, lacks experience with the DMV but possesses all the relevant skills and expertise?

A72. See Specifications Section: 3.5.

Q73. Please confirm if the role is new/ incumbent.

A73. New

Q74. Please confirm if the position is remote/ hybrid/ onsite.

A74. Onsite at: 5707 MacCorkle Avneue, S.E., Charleston, WV 25304

Q75. How many maximum resumes can we submit for the role?

A75. One per candidate

Q76. Interviews will be conducted in person/virtually.

A76. DMV will not conduct interviews nor make offers to candidates.

Q77. Please confirm if the below mentioned skills are mandatory or good to have.

- The Application Programmer Analysts must have some understanding or experience working with the American Association of Motor Vehicle Administrators (AAMVA) applications which interfaces with the WV Drivers' System. These applications include the Commercial Driver's Licensing Information System (CDLIS), the Problem Driver Pointer System (PDPS) and
- the Social Security Online Verification and the Unified Network Interface as well as knowledge of the State-to-State system with AAMVA.

A77. Mandatory

Q78. Are we eligible to bid on this? Is it open to all vendors?

A78. See instructions to vendors submitting bids.

Q79. On the Exhibit A - Pricing page why are the unit prices per year being multiplied by 20,000 in the yearly total columns.

A79. 20,000 is the total number of hours per year for 8 Analysts x 2500 hours.

Q80. Is this a re-compete RFP? If yes, could you please share the name of Current Suppliers (who are currently providing services to Agency)?

A80. **Yes, Smart Shared Services**.

Q81. Could you please share current Supplier's pricing and Proposals?

A81. See A7

Q82. When the existing contract was started, and what is the annual monetary spent value of the current contract since inception?

A82. See A15

Q83. How many resources are currently engaged in the current contract?

A83. Six (6)

Q84. Can you please share the no. of positions served in previous years under this contract?

A84. Varies - Two (2) to Six (6)

Q85. Can you please share the amount of business each vendor did under this contract in previous years?

A85. See A15

Q86. Is there any local preference for this contract?

A86. No

Q87. What will be the estimated annual budget for this project?

A87. This will not be shared.

Q88. Would you be accepting references from public as well as commercial entities?

A88. No

Q89. Is sub-contracting required for this contract?

A89. No

Q90. How many vendors agency is planning to select?

A90. One

Q91. Is there any Performance Bond for this contract?

A91. No

Q92. What is the mainframe system?

A92. DB2/CICS, IBM Enterprise Database

Q93. What is the language used to support?

A93. Cobol

Q94. On site or remote?

A94. Onsite at 5707 MacCorkle Avneue, S.E., Charleston, WV 25304

Q95. Years of experience required?

A95. See Specifications Section: 3

Q96. Is this a newly launched project? If No, kindly provide the incumbent Details.

A96. See A15

Q97. What is the tentative budget for this project?

A97. This will not be provided.

Q98. As per the Point 32 in the RFQ Document- "In accordance with West Virginia Code of State Rules § 148-1-6.1.e, Vendor must be licensed and in good standing in accordance with any and all state and local laws requirements by any state or local agency of West Virginia." Please Confirm whether the mentioned certifications should be provided in the response of the bid or after the award of the bid.

A98. Not required at time of bid submission but is required prior to award.

Q99. Can you clarify whether the submission of the resumes for the position should be a Live Resume or a Sample Resume, also clarify how many resumes are required to be attached?

A99. One per candidate

Q100. Is this a fully completed RFQ Document or any other Bid Packet is available?

A100. **There is no additional bid packet.**

Q101. Do we need to be a WV resident to bid?

A101. No

Q102. Do we need to make $125 payment before bidding? (Reference Below)

REGISTRATION: Prior to Contract award, the apparent successful Vendor must be properly registered with the West Virginia Purchasing Division and must have paid the $125 fee, if applicable.

A102. No

Q103. We are a Women Owned, Minority Owned Company in Georgia, according to this: we are able to bid? (Reference Below)

SMALL, WOMEN-OWNED, OR MINORITY-OWNED BUSINESSES: For any

solicitations publicly advertised for bid, in accordance with West Virginia Code §5A-3-37 and W. Va. CSR § 148-22-9, any non-resident vendor certified as a small, women- owned, or minority-owned business under W. Va. CSR § 148-22-9 shall be provided the same preference made available to any resident vendor. Any non-resident small, women-owned, or minority owned business must identify itself as such in writing, must submit that writing to the Purchasing Division with its bid, and must be properly certified under W. Va. CSR § 148-22-9 prior to contract award to receive the preferences made available to resident vendors. Preference for a non-resident small, women-owned, or minority owned business shall be applied in accordance with W. Va. CSR § 148-22-9.

A103. Yes

Q104. Please advise if the Application Programmer Analyst position is 100% onsite, 100% remote, or hybrid.

A104. **100% Onsite at 5707 MacCorkle Avneue S.E., Charleston, WV 25304**

Q105. Can you please provide the years of experience required for this position?

A105. See Specifications Section: 3.

Q106. Please advise if we can submit H1B candidates on C2C.

A106. No

Q107. Please advise if we can submit US Citizen and Green Cards on C2C.

A107. No

Q108. Is any travelling involved for these positions?

A108. No

Q109. Do resumes need to be submitted along with quote?

A109. See A28

Q110. Will there be a pre bid meeting?

A110. See Section 3 instructions to vendors submitting bids.

Q111. Should the vendor submit only pricing, or the resumes of the candidates are also required?

A111. See instructions to vendor submitting bids.

Q112. Please provide a checklist for the documents required for the proposal submission.

A112. See instructions to vendor submitting bids.

Q113. Please confirm the number of resumes that a vendor can submit.

A113. There is no limit.

Q114. How should the vendor provide pricing for multiple candidates?

A114. The agency is seeking one firm, fixed price for Application Programmer Analysts.

Q115. Is the Department only requesting references for the candidate?

A115. Yes

Q116. In which section should the vendor include the resume?

A116. See A28

Q117. Could you please provide a template for the technical proposal?

A117. No

Q118. What is the overall budget for this contract?

A118. **This will not be provided.**

Q119. Does the vendor need to submit two proposals, one for technical and the other for pricing?

A119. No

wvOASIS Biweekly Pay Schedule
West Virginia State Treasurer's Office
2 0 2 4

www.wvtreasury.com
304-558-5000 / 800-422-7498
Check Hotline: (304) 558-3599

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GET A LIFE!

HOPE SCHOLARSHIP
WEST VIRGINIA

JANUARY

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

FEBRUARY

SUN	MON	TUE	WED	THU	FRI	SAT
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MARCH

SUN	MON	TUE	WED	THU	FRI	SAT
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31						

APRIL

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28	29	30				

MAY

SUN	MON	TUE	WED	THU	FRI	SAT
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JUNE

SUN	MON	TUE	WED	THU	FRI	SAT
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30						

JULY

SUN	MON	TUE	WED	THU	FRI	SAT
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21	22	23	24	25	26	27
28	29	30	31			

AUGUST

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
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18	19	20	21	22	23	24
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SEPTEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
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8	9	10	11	12	13	14
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29	30					

OCTOBER

SUN	MON	TUE	WED	THU	FRI	SAT
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6	7	8	9	10	11	12
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NOVEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

DECEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Holidays As Designated by WV Code §2-2-1

Date	Holiday
01/01/2024	Monday – New Years Day
01/15/2024	Monday – Martin Luther King Day
02/19/2024	Monday – Presidents' Day
05/14/2024	Tuesday – Primary Election Day
05/27/2024	Monday – Memorial Day
06/20/2024	Thursday – West Virginia Day
07/04/2024	Thursday – Independence Day
09/02/2024	Monday – Labor Day
10/14/2024	Monday – Columbus Day
11/05/2024	Tuesday – General Election Day
11/11/2024	Monday – Veterans Day
11/28-29/2024	Thursday & Friday – Thanksgiving Holiday
12/24/2024	Tuesday – Half-day, Christmas Eve
12/25/2024	Wednesday – Christmas Day
12/31/2024	Tuesday – Half-day, New Year's Eve

DATES IN RED INDICATE PAYDAYS   DATES IN GREEN INDICATE HOLIDAYS   DATES IN BLUE INDICATE HALF-DAY HOLIDAYS

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: DMV2400000003

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 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.

Compu-Vision Consulting Inc.
_____
Company

_____
Authorized Signature

3/28/2024
_____
Date

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

THIS CERTIFIES THAT

Compu-Vision Consulting, Inc.

NMSDC
National Minority Supplier
Development Council

* Nationally certified by the: **NEW YORK & NEW JERSEY MINORITY SUPPLIER DEVELOPMENT COUNCIL**

*NAICS Code(s): 541511; 541512; 541513; 541519; 541611; 541612; 561320; 518210; 561311; 811212

* Description of their product/services as defined by the North American Industry Classification System (NAICS)

09/15/2023	NY04042
Issued Date	**Certificate Number**

Ying McGuire
Ying McGuire
NMSDC CEO and President

10/26/2024	Terrence Clark
Expiration Date	**Terrence Clark, President & CEO**

By using your password (NMSDC issued only), authorized users may log into NMSDC Central to view the entire profile: http://nmsdc.org

Certify, Develop, Connect, Advocate.

* MBEs certified by an Affiliate of the National Minority Supplier Development Council, Inc.®

STATE OF WEST VIRGINIA
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION

JULY 22, 2022

COMPU VISION CONSULTING INC
2050 ROUTE 27 STE 202
NORTH BRUNSWICK, NJ 08902

JOHNN ROHRBAUGH:

This is to notify you that your Small, Women-, and Minority-Owned Businesses (SWAM) Certification Application has been approved based on your representations that the vendor named above meets the definition of a Small, Women-, and Minority-Owned Businesses as set forth in the *West Virginia Code of State Rules* 148-22-1 et seq. This certification becomes effective:

07/22/2022

And shall automatically expire without notice two years after the effective date unless revoked by the Purchasing Director or upon expiration pursuant to the *West Virginia Code of State Rules* 148-22-8. The type(s) of Small, Women-, and Minority-Owned Businesses (SWAM) Certification approved for your entity:

Small Business / Minority-Owned Business / Women-Owned Business

At the end of your two-year certification period, if you wish to reapply, please complete a WV-1 form or apply for re-certification through the Vendor Self-Service portal at wvOASIS.gov. Complete renewal instructions, application forms, and a list of all SWAM-Certified entities are available online at www.state.wv.us/admin/purchase/VendorReg.html.

If you have questions, please contact the West Virginia Purchasing Division at 304-558-2306.

Sincerely,

Terra Oliver
Vendor Registration Coordinator

2019 WASHINGTON STREET, EAST • BUILDING 15 • CHARLESTON, WEST VIRGINIA 25305-0130 • (304) 558-2306 • FAX: (304) 558-397(

WVPurchasing.gov

WBENC
WOMEN'S BUSINESS ENTERPRISE NATIONAL COUNCIL
JOIN FORCES. SUCCEED TOGETHER.

HEREBY GRANTS
WOMAN OWNED SMALL BUSINESS (WOSB) CERTIFICATION TO

Compu-Vision Consulting, Inc

The identified small business is an eligible WOSB for the WOSB Program, as set forth in 13 C.F.R. part 127 and has been certified as such by an SBA approved Third Party Certifier pursuant to the Third Party Agreement, dated June 30, 2011, and available at www.sba.gov/wosb.

The WOSB Certification expires on the date herein unless there is a change to the SBA's regulation that makes the WOSB ineligible or there is a change in the WOSB that makes the WOSB ineligible. If either occurs, this WOSB Certification is immediately invalid. The WOSB must not misrepresent its certification status to any other party, including any local or State government or contracting official or the Federal government or any of its contracting officials.

Majority Female Owner: Shaloo Mital
NAICS: 541511   UNSPSC: 43232400
Certification Number: WOSB231426
Renewal Date: September 8, 2024
WOSB Regulation Expiration Date: 9/8/2026

WBEC METRO NY
WOMEN'S BUSINESS ENTERPRISE CENTER
JOIN FORCES. SUCCEED TOGETHER.

Sandra P. Eberhard
Sandra Eberhard, Women's Business Enterprise Council Metro NY President & CEO

Pamela A. Prince-Easton
Pamela Prince-Easton, WBENC President & CEO

LaKesha White
LaKesha White, Vice President, Certification

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)   Michael Bavaro, Corp VP

(Address)   2050 Route 27, Suite 202; North Brunswick, NJ 08902

(Phone Number) / (Fax Number)   (732)422-1500 / (732)422-4667

(email address)   mbavaro@compuvis.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through *wv*OASIS, 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.

Compu-Vision Consulting, Inc.
_____
(Company)

_____
(Signature of Authorized Representative)
Shaloo Mital, President 3/25/2024
_____
(Printed Name and Title of Authorized Representative) (Date)
(732) 422-1500 / (732) 422-4667
_____
(Phone Number) (Fax Number)
shaloo@compuvis.com
_____
(Email Address)

Department of Administration **Purchasing Division** **2019 Washington Street East** **Post Office Box 50130** **Charleston, WV 25305-0130**	**State of West Virginia** **Centralized Request for Quote**	

Proc Folder:	1381091	**Reason for Modification:**
Doc Description:	Mainframe Application Programmer Technical Staffing Services	
Proc Type:	Central Master Agreement	

Date Issued	Solicitation Closes	Solicitation No	Version
2024-03-05	2024-03-19 13:30	CRFQ 0802 DMV2400000003	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code:

Vendor Name : Compu-Vision Consulting, Inc.

Address : 2050 Route 27, Suite 202

Street :

City : North Brunswick

State : NJ   **Country :** USA   **Zip :** 08902

Principal Contact : Michael Bavaro

Vendor Contact Phone: 732-422-1500   **Extension:** 2106

FOR INFORMATION CONTACT THE BUYER
David H Pauline
304-558-0067
david.h.pauline@wv.gov

Vendor
Signature X _Shaloo_   **FEIN#** 23-2977235   **DATE** 3/25/2024

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

Date Printed: Mar 5, 2024	**Page: 1**	FORM ID: WV-PRC-CRFQ-002 2020/05

ADDITIONAL INFORMATION

The State of West Virginia Purchasing Division, is soliciting bids for the WV Department of Motor Vehicles (WVDMV) for Mainframe Application Programmer Technical Staffing Services. This will be an open-end services contract that will provide the services of mainframe application programmer analysts on an hourly rate basis to provide technical expertise to meet agency needs. These services will be utilized to develop modifications and enhancements to the mainframe computer systems currently utilized by the DMV, per the attached documentation.

INVOICE TO		SHIP TO	
DIVISION OF MOTOR VEHICLES		DIVISION OF MOTOR VEHICLES	
5707 MACCORKLE AVE. S.E., SUITE 200		RECEIVING AND PROCESSING	
		5707 MACCORKLE AVENUE, S.E. SUITE 200	
CHARLESTON	WV	CHARLESTON	WV
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Mainframe Application Programmer Technical Staffing Services	0.00000			

Comm Code	Manufacturer	Specification	Model #
81111600			

Extended Description:

See Exhibit "A"
Mainframe Application Programmer Technical Staffing Services. This will be an open-end services contract that will provide the services of mainframe application programmer analysts on an hourly rate basis to provide technical expertise to meet agency needs. These services will be utilized to develop modifications and enhancements to the mainframe computer systems currently utilized by the DMV.

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Vendor Technical Questions Due By 11:00 am., est.	2024-03-12

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

	Department of Administration **Purchasing Division** **2019 Washington Street East** **Post Office Box 50130** **Charleston, WV 25305-0130**	**State of West Virginia** **Centralized Request for Quote**

Proc Folder:	1381091	**Reason for Modification:**
Doc Description:	Mainframe Application Programmer Technical Staffing Services	Addendum No. 2
Proc Type:	Central Master Agreement	

Date Issued	Solicitation Closes	Solicitation No	Version
2024-03-19	2024-03-26 13:30	CRFQ 0802 DMV2400000003	3

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code:

Vendor Name : Compu-Vision Consulting, Inc.

Address : 2050 Route 27, Suite 202

Street :

City : North Brunswick

State : NJ   **Country :** USA   **Zip :** 08902

Principal Contact : Michael Bavaro

Vendor Contact Phone: 732-422-1500   **Extension:** 2106

FOR INFORMATION CONTACT THE BUYER
David H Pauline
304-558-0067
david.h.pauline@wv.gov

Vendor Signature X _Ahaloo._   **FEIN#** 23-2977235   **DATE** 3/25/2024

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

ADDITIONAL INFORMATION

Addendum No. 2

To correct typo, the correct bid opening date is March 26, 2024

Bid Opening Date remains 3/26/24 at 1:30 pm., est.

No other changes.

INVOICE TO	SHIP TO
DIVISION OF MOTOR VEHICLES	DIVISION OF MOTOR VEHICLES
5707 MACCORKLE AVE. S.E., SUITE 200	RECEIVING AND PROCESSING
	5707 MACCORKLE AVENUE, S.E. SUITE 200
CHARLESTON WV	CHARLESTON WV
US	US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Mainframe Application Programmer Technical Staffing Services	0.00000			

Comm Code	Manufacturer	Specification	Model #
81111600			

Extended Description:

See Exhibit "A"
Mainframe Application Programmer Technical Staffing Services. This will be an open-end services contract that will provide the services of mainframe application programmer analysts on an hourly rate basis to provide technical expertise to meet agency needs. These services will be utilized to develop modifications and enhancements to the mainframe computer systems currently utilized by the DMV.

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Vendor Technical Questions Due By 11:00 am., est.	2024-03-12

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

Proc Folder:	1381091	**Reason for Modification:**
Doc Description:	Mainframe Application Programmer Technical Staffing Services	Addendum No. 3
Proc Type:	Central Master Agreement	

Date Issued	**Solicitation Closes**	**Solicitation No**	**Version**
2024-03-21	2024-03-28 13:30	CRFQ 0802 DMV2400000003	4

BID RECEIVING LOCATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON   WV   25305

US

VENDOR

Vendor Customer Code:

Vendor Name : Compu-Vision Consulting, Inc.

Address : 2050 Route 27, Suite 202

Street :

City : North Brunswick

State : NJ   **Country :** USA   **Zip :** 08902

Principal Contact : Michael Bavaro

Vendor Contact Phone: 732-422-1500   **Extension:** 2106

FOR INFORMATION CONTACT THE BUYER

David H Pauline

304-558-0067

david.h.pauline@wv.gov

Vendor Signature X	_[signature]_	**FEIN#** 23-2977235	**DATE** 3/25/2024

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

ADDITIONAL INFORMATION

Addendum No. 3

To move Bid opening date to March 28, 2024 at 1:30 pm., est.

No other changes.

INVOICE TO	SHIP TO
DIVISION OF MOTOR VEHICLES	DIVISION OF MOTOR VEHICLES
5707 MACCORKLE AVE. S.E., SUITE 200	RECEIVING AND PROCESSING
	5707 MACCORKLE AVENUE, S.E. SUITE 200
CHARLESTON WV	CHARLESTON WV
US	US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Mainframe Application Programmer Technical Staffing Services	0.00000			

Comm Code	Manufacturer	Specification	Model #
81111600			

Extended Description:
See Exhibit "A"
Mainframe Application Programmer Technical Staffing Services. This will be an open-end services contract that will provide the services of mainframe application programmer analysts on an hourly rate basis to provide technical expertise to meet agency needs. These services will be utilized to develop modifications and enhancements to the mainframe computer systems currently utilized by the DMV.

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Vendor Technical Questions Due By 11:00 am., est.	2024-03-12

	Document Phase	Document Description	Page 3
DMV2400000003	Final	Mainframe Application Programmer Technical Staffing Services	

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

		State of West Virginia
Department of Administration		**Centralized Request for Quote**
Purchasing Division		
2019 Washington Street East		
Post Office Box 50130		
Charleston, WV 25305-0130		

Proc Folder:	1381091	**Reason for Modification:**
Doc Description:	Mainframe Application Programmer Technical Staffing Services	Addendum No. 4
Proc Type:	Central Master Agreement	

Date Issued	Solicitation Closes	Solicitation No	Version
2024-03-25	2024-04-02 13:30	CRFQ 0802 DMV2400000003	5

BID RECEIVING LOCATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON   WV   25305

US

VENDOR

Vendor Customer Code:

Vendor Name :   Compu-Vision Consulting Inc.

Address : 2050 Route 27 Suite 202

Street :

City :   North Brunswick

State : NJ   **Country :**   USA   **Zip :**   08902

Principal Contact :   Michael Bavaro

Vendor Contact Phone: 732 - 422-1500   **Extension:** 2106

FOR INFORMATION CONTACT THE BUYER
David H Pauline

304-558-0067

david.h.pauline@wv.gov

Vendor Signature X _[signature]_   **FEIN#**   23-2977235   **DATE** 3/28/2024

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

ADDITIONAL INFORMATION

Addendum No. 4

To move Bid opening date to April 2, 2024 at 1:30 pm., est.

No other changes.

INVOICE TO	SHIP TO
DIVISION OF MOTOR VEHICLES	DIVISION OF MOTOR VEHICLES
5707 MACCORKLE AVE. S.E., SUITE 200	RECEIVING AND PROCESSING
	5707 MACCORKLE AVENUE, S.E. SUITE 200
CHARLESTON WV	CHARLESTON WV
US	US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Mainframe Application Programmer Technical Staffing Services	0.00000			

Comm Code	Manufacturer	Specification	Model #
81111600			

Extended Description:
See Exhibit "A"
Mainframe Application Programmer Technical Staffing Services. This will be an open-end services contract that will provide the services of mainframe application programmer analysts on an hourly rate basis to provide technical expertise to meet agency needs. These services will be utilized to develop modifications and enhancements to the mainframe computer systems currently utilized by the DMV.
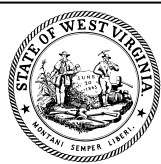
SCHEDULE OF EVENTS

Line	Event	Event Date
1	Vendor Technical Questions Due By 11:00 am., est.	2024-03-12

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

Proc Folder:	1381091		**Reason for Modification:**
Doc Description:	Mainframe Application Programmer Technical Staffing Services		Addendum No. 5
Proc Type:	Central Master Agreement		

Date Issued	**Solicitation Closes**	**Solicitation No**	**Version**
2024-03-26	2024-04-02 13:30	CRFQ 0802 DMV2400000003	6

BID RECEIVING LOCATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON   WV   25305

US

VENDOR

Vendor Customer Code:

Vendor Name :   Compu-Vision Consulting Inc.

 Address : 2050 Route 27 Suite 202

 Street :

 City : North Brunswick

 State : NJ   **Country :** USA   **Zip :** 08902

Principal Contact : Michael Bavaro

Vendor Contact Phone: 732 - 422-1500   **Extension:** 2106

FOR INFORMATION CONTACT THE BUYER
David H Pauline
304-558-0067
david.h.pauline@wv.gov

**Vendor
Signature X** _Shaloo._   **FEIN#**   23-2977235   **DATE** 3/28/2024

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

ADDITIONAL INFORMATION

Addendum No. 5

To provide responses to the vendor technical questions, see attached
To provide WV State Calendar showing State Holidays, see attached
Bid opening date remains April 2, 2024 at 1:30 pm., est.

No other changes.

INVOICE TO	SHIP TO
DIVISION OF MOTOR VEHICLES	DIVISION OF MOTOR VEHICLES
5707 MACCORKLE AVE. S.E., SUITE 200	RECEIVING AND PROCESSING
	5707 MACCORKLE AVENUE, S.E. SUITE 200
CHARLESTON WV	CHARLESTON WV
US	US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Mainframe Application Programmer Technical Staffing Services	0.00000			

Comm Code	Manufacturer	Specification	Model #
81111600			

Extended Description:

See Exhibit "A"
Mainframe Application Programmer Technical Staffing Services. This will be an open-end services contract that will provide the services of mainframe application programmer analysts on an hourly rate basis to provide technical expertise to meet agency needs. These services will be utilized to develop modifications and enhancements to the mainframe computer systems currently utilized by the DMV.

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Vendor Technical Questions Due By 11:00 am., est.	2024-03-12

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

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

11.2.3. Any other remedies available in law or equity.

12. MISCELLANEOUS:

12.1 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: Michael Bavaro

Telephone Number: (732) 422-1500, ext 2106

Fax Number: (732) 422-4667

Email Address: mbavaro@compuvis.com