



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

Header #2

List View

General Information Contact Default Values Discount Document Information Clarification Request

Procurement Folder: 1640548

Procurement Type: Central Master Agreement

Vendor ID: VS000039921

Legal Name: ENTERPRISE SOLUTIONS INC

Alias/DBA:

Total Bid: \$0.00

Response Date: 05/06/2025

Response Time: 12:05

Responded By User ID: ESI2023

First Name: Umesh

Last Name: Ghai

Email: SLED@enterprisesolutioninc

Phone: 630-955-5986

SO Doc Code: CRFQ

SO Dept: 0802

SO Doc ID: DMV2500000004

Published Date: 4/28/25

Close Date: 5/6/25

Close Time: 13:30

Status: Closed

Solicitation Description: Mainframe Application Programmer Technical Staffing Services

Total of Header Attachments: 2

Total of All Attachments: 2



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

State of West Virginia  
Solicitation Response

**Proc Folder:** 1640548  
**Solicitation Description:** Mainframe Application Programmer Technical Staffing Services  
**Proc Type:** Central Master Agreement

Solicitation Closes	Solicitation Response	Version
2025-05-06 13:30	SR 0802 ESR05062500000006774	1

**VENDOR**  
VS0000039921  
ENTERPRISE SOLUTIONS INC

**Solicitation Number:** CRFQ 0802 DMV2500000004  
**Total Bid:** 0  
**Response Date:** 2025-05-06  
**Response Time:** 12:05:42  
**Comments:**

**FOR INFORMATION CONTACT THE BUYER**  
John W Estep  
304-558-2566  
john.w.estep@wv.gov

<b>Vendor Signature X</b>	<b>FEIN#</b>	<b>DATE</b>
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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				0.00

Comm Code	Manufacturer	Specification	Model #
81111600			

**Commodity Line Comments:** We have provided pricing in Exhibit A- Pricing page, attached under "Add attachment" tab.

**Extended Description:**

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.



**PROPOSED TO:**



**THE WEST VIRGINIA PURCHASING DIVISION  
ON  
BEHALF OF WV DEPARTMENT OF MOTOR VEHICLES (WVDMV)**

**MAINFRAME APPLICATION PROGRAMMER TECHNICAL STAFFING  
SERVICES**

**SOLICITATION NO. CRFQ 0802 DMV2500000004**

**PROPOSED BY:**



**ENTERPRISE SOLUTIONS, INC.**

**Designated Contact:** Umesh Ghai (President)

**Phone:** 408-836-5561

**Email:** [gov@enterprisesolutioninc.com](mailto:gov@enterprisesolutioninc.com)

**Address:** 4320 Winfield Road, Suite 200, Warrenville  
Illinois 60555

**DUE DATE: MAY 6<sup>TH</sup>, 2025 AT 1.30 PM EST**

## TABLE OF CONTENTS

<b>Cover Letter</b>	<b>3</b>
Understanding of the WV Division of Motor Vehicles (DMV) requirements:	3
A brief history of Enterprise Solutions, Inc:	3
ESI's Ability to provide the requested services:	3
Our contact persons responsible for the project:	4
ESI's experience and qualifications related to the Scope of Work:	4
<b>SPECIFICATIONS</b>	<b>8</b>
<b>RESUMES</b>	<b>18</b>
1. JOHN ANTHONY BEATTY: INFRASTRUCTURE SUPPORT MANAGER/BSA	18
2. ELISA KEARNS: PRODUCTION ANALYST / DATA ANALYST / REGULATORY ANALYST / COBOL	22
<b>Addendum</b>	<b>26</b>





## COVER LETTER

**Attention:** John W Estep  
Department of Administration  
Purchasing Division  
2019 Washington Street East  
Post Office Box 50130  
Charleston, WV 25305-0130

**Date:** May 6, 2025

**Subject:** Response to "Solicitation # CRFQ 0802 DMV2500000004, Mainframe Application Programmer Technical Staffing Services"

### Understanding of the WV Division of Motor Vehicles (DMV) requirements:

Enterprise Solutions Inc. (ESI), a NMDSC-certified MBE staffing firm, is headquartered in Naperville, IL. We are pleased to submit this response to Solicitation— "CRFQ 0802 DMV2500000004, Mainframe Application Programmer Technical Staffing Services", through which WV Division of Motor Vehicles (DMV) intend to Procure the most qualified, responsive, and responsible agency for providing technical mainframe application programmer technical staffing services to provide Mainframe Application Programmer Analysts for developing modifications and enhancements to the mainframe computer systems currently utilized by the WV Division of Motor Vehicles (DMV). ESI holds expertise in providing premium quality qualified **Mainframe Application Programmer Analysts** to address skill gaps and fill short and long-term staffing needs in various IT projects. We will be pleased to support the WV DMV by providing our premium staffing services in providing Mainframe Application Programmer Analysts depicted in qualifications in the Specifications heading.

### **A brief history of Enterprise Solutions, Inc:**

ESI is majorly supporting government clients, including multiple statewide, regional & local authorities which has helped us being recognized as a Fastest growing 'ASIAN AMERICAN BUSINESS' in the US. ESI has been ranked in the **top 25 companies** in the United States for hiring in all 50 states by **Forbes**. We are a growing organization with current strength of **150 employees**. Over the journey of **25 years**, we have achieved remarkable success by placing over **372 Mainframe Application Programmer Analysts** nationwide, which covers all the qualifications and mandatory requirements required by the DMV. ESI has the **skills, knowledge, ability, and resources** to fulfill your needs and expectations, as well as the experience to provide similar **Technical Staffing Services** required by the **WV Division of Motor Vehicles (DMV)**.

### **ESI's Ability to provide the requested services:**

ESI has established a recruitment process and adopts a customer-centric approach, which enables us to consistently deliver results. We have a total workforce of **150 highly experienced employees**, with over **80 employees forming a recruiting army** inclusive of Account managers, IT Subject matter experts, Team leads, senior recruiters, junior recruiters and other supporting staff, readily available and dedicated to source, selecting and recruit the best available staff for the WV DMV.

Our proposed team has a **cumulative experience of over 75 years in the staffing industry**, holding extensive experience in providing similar **Technical Staffing Services** to various state, regional, county, and city public clients throughout the **United States**. Our recruiters have deepened our local reach within the state of **WV**, our technical expertise and recruitment skills and employee care and benefit plans has enabled us to effectively identify and engage placement **consultants for demanding positions**. Moreover, we have developed a network of premium staffing resource working with us since years, this trust that we have earned helps us to provide timely and high-quality services to our clients in West Virginia.



**SOLICITATION NO. CRFQ 0802 DMV2500000004**  
**THE WEST VIRGINIA PURCHASING DIVISION ON BEHALF OF WV DEPARTMENT OF MOTOR VEHICLES (WVDMV)**

Our proposed team holds extensive experience in delivering similar **Technical Staffing Services** especially with public clients, which has provided them with a **deep knowledge and understanding of requirements, sourcing strategies, candidate attraction, screening processes, and successful onboarding of top-notch candidates** in the market.

**Our contact persons responsible for the project:**

<b>Contact Name:</b>	<b>Umesh Ghai (President)</b>
<b>Physical Address:</b>	<b>4320 Winfield Road, Suite 200, Warrenville, Illinois 60555</b>
<b>Email Address:</b>	<b><a href="mailto:gov@enterprisesolutioninc.com">gov@enterprisesolutioninc.com</a></b>
<b>Telephone Phone:</b>	<b>408-836-5561</b>

**ESI's experience and qualifications related to the Scope of Work:**

- ✓ ESI has **25 years** of experience in **Mainframe Application Programmer Technical Staffing Services** with public and commercial clients.
- ✓ Successful engagement with **150+ Technical Staffing contracts** including **60+ Prime Public Contracts** in last 25 years, within similar scope as required by the DMV in last 24 years.
- ✓ Extensive access to Resume database of ever-growing pool of **8 million+ qualified profiles** as required by the WV DMV, which includes our access to **over 1,200 active profiles of Mainframe Application Programmer Analysts in the state of West Virginia**.
- ✓ ESI's stringent screening facilitated by our **SMEs (Subject Matter Experts)** to only hire **Top 10% of qualified talent** to ensure best in industry technical services to our clients.
- ✓ Dedicated account management Team with **aggregate experience of 75 years, in serving Technical Staffing Services projects** for Public Contracts which mostly include similar projects as required by the WV DMV.
- ✓ Dedicated **24X7 Client support staff** to resolve any concern raised by our clients.
- ✓ We are serving **Mainframe Application Programmer Analysts** to our various clients in the US including but not limited to:

**PUBLIC CLIENTS**

- ✓ • *The State of Florida Department of Management Services, • CareOregon, • State of Minnesota's Department of Administration and Department of Information Technology Services (MNIT), • County Of Santa Clara Technology Services & Solutions (TSS), • Fort Worth Housing Solutions, • San Bernardino County, • NYS Office Of Information Technology Services, • The New York Power Authority, • Clark County, • University System of New Hampshire, • Baltimore County Public Schools, • State Procurement Offices' (SPO) Information Technology Management Office (ITMO) (MSP TAPFIN Process Solutions), • County of Sacramento, • Dallas Independent School District, • New York Convention Center Operating Corp., • City of Ontario, • City of Cedar Rapids, • Maricopa County Community College District, • State of Louisiana, etc.*

**COMMERCIAL CLIENTS**

- ✓ • *TCS, • Wipro, • Becton, Dickinson and Company, • Gap, • Pacific Gas and Electric, • Infosys, • UST Global, • LTI, • Walmart, • PNC, • HCL, • Capgemini, • Brillio, • Thermo Fisher, • Qualcomm, • State farm, • Atos Syntel, • Intel, • Federal Reserve Bank, • Kanapsystems/ MPO, • Mphasis, • S&P, • Hexaware, • Tech Mahindra, • Expedia, • Aya Healthcare, • DXC, • GE Healthcare, • HMS, • Mindtree, • Ingram Micro, • EY, • Edelman Financial Engine, • Brown & Brown, • Virtusa, • Dominion Energy, • Motorola Solutions Inc, • UCSF Medical Center, • BASF Corporation, • Munich Re, • Mercer, • Edwards Lifesciences LLC, • Citi Bank, • UNFI, • Honeywell, • Sonata Software, • Cognizant, etc.*
- ✓ We are familiar with all the **terms, conditions, and local market knowledge** of the State of West Virginia. With over **25 years of experience**, our recruitment team has developed extensive local reach within the state. Additionally, under the guidance of our highly experienced project manager and subject matter experts (SMEs), we are capable of providing candidates with the precise skills needed, even for hard-to-fill roles. We are currently serving the following





THE WEST VIRGINIA PURCHASING DIVISION ON BEHALF OF WV DEPARTMENT OF MOTOR  
VEHICLES (WVDMV)

public clients in West Virginia: • *West Virginia Department of Transportation*, • *West Virginia Department of Health and Human Resources*, etc.

Thank you for your time and consideration and we look forward to working with you.

Yours Sincerely,

Umesh Ghai

**Signature:**

**Umesh Ghai, President**

**Mailing Address:** 4320 Winfield Road, Suite 200, Warrenville, Illinois 60555

**Telephone: 408-836-5561**

**Fax number:** 630-206-1290

E-mail address: [gov@enterprisesolutioninc.com](mailto:gov@enterprisesolutioninc.com)



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  
Info Technology

<b>Proc Folder:</b> 1640548		<b>Reason for Modification:</b>	
<b>Doc Description:</b> Mainframe Application Programmer Technical Staffing Services		ADDENDUM NO_3 Vendor Questions and Response Bid Opening Moves to 05/06/25	
<b>Proc Type:</b> Central Master Agreement			
<b>Date Issued</b>	<b>Solicitation Closes</b>	<b>Solicitation No</b>	<b>Version</b>
2025-04-28	2025-05-06 13:30	CRFQ 0802 DMV2500000004	4

**BID RECEIVING LOCATION**

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

**VENDOR**

**Vendor Customer Code:** VS0000039921  
**Vendor Name :**Enterprise Solutions, Inc.  
**Address :** 4320 Winfield Road, Suite 200, Warrenville, Illinois 60555  
**Street :** 4320 Winfield Road, Suite 200  
**City :** Warrenville  
**State :** Illinois **Country :** USA **Zip :** 60555  
**Principal Contact :** Umesh Ghai  
**Vendor Contact Phone:** 408-836-5561 **Extension:**

**FOR INFORMATION CONTACT THE BUYER**

John W Estep  
304-558-2566  
john.w.estep@wv.gov

*Umesh Ghai*

**Vendor  
Signature X**

**FEIN# 77-0538464**

**DATE 05/06/2025**

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



**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) Umesh Ghai, President

(Address) **4320 Winfield Road, Suite 200, Warrenville, Illinois 60555**

(Phone Number) / (Fax Number) (408-836-5561) / (630-209-1026)

(email address) gov@enterprisesolutioninc.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.

**Enterprise Solutions, Inc.**

(Company) Amesh Ghai

(Signature of Authorized Representative)  
Umesh Ghai, President, 05/06/2025

(Printed Name and Title of Authorized Representative) (Date)

(408-836-5561) / (630-209-1026)

(Phone Number) (Fax Number)

**gov@enterprisesolutioninc.com**

(Email Address)

Revised 8/24/2023



## SPECIFICATIONS

### REQUEST FOR QUOTATION Mainframe Application Programmer Analysts

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#### SPECIFICATIONS

1. **PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of WV Division of Motor Vehicles (DMV) to establish a contract for technical 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.

The Mainframe Programmer Analysts positions are needed to provide technical expertise to meet the temporary contracted staffing needs. These services will be utilized to develop modifications and enhancements to the mainframe computer systems currently utilized by the Division of Motor Vehicles (DMV).

2. **DEFINITIONS:** The terms listed below shall have the meanings assigned to them below. Additional definitions can be found in section 2 of the General Terms and Conditions.
  - 2.1 **“Contract Services”** means application software analysis, programming support and development, code review, project reporting and project management services necessary for the day-to-day operations of the DMV Drivers’ Systems as more fully described in these specifications.
  - 2.2 **“Pricing Page”** means the pages, contained wvOASIS or attached hereto as Exhibit A, upon which Vendor should list its proposed price for the Contract Services.
  - 2.3 **“Solicitation”** means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.
  - 2.4 **“AAMVA”** is the American Association of Motor Vehicle Administrators is a national origination that is charged with improving highway safety and identification security by promoting uniform standards for all areas related to driver licensing.
  - 2.5 **“ACD”** is the AAMVA Code Dictionary.
  - 2.6 **“DB2”** or DataBase 2 is a Relational DataBase Management System designed by IBM to operate in a mainframe environment.
  - 2.7 **“CA”** is a company that develops programming tools for the IBM mainframe environment.
  - 2.8 **“COBOL”** is a programming language designed for use in an IBM enterprise mainframe environment.

Revised 2/15/2024





**REQUEST FOR QUOTATION**  
**Mainframe Application Programmer Analysts**

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- 2.9 “CICS”** Customer Information Control System (CICS) is a family of mixed language application services that provide online transaction management connectivity for applications on IBM Mainframe systems.
- 2.10 “CD31”** means a sanitized Commercial Driver License Data File.
- 2.11 “CDLIS”** a system mandated by the Commercial Motor Vehicle Safety Act of 1986 and is a nationwide computer system that enables licensing agencies to ensure that each commercial driver has only one driver’s license and one complete driver record.
- 2.12 “FMCSA”** means the Federal Motor Carrier Safety Administration
- 2.13 “JCL”** means Job Control Language.
- 2.14 “PRF”** means Pseudo Random Function and is a tool utilized on an IBM mainframe system.
- 2.15 “RC/UPDATE”** is a tool that allows for programming updates to a DB2 database in an IBM mainframe environment.
- 2.16 “RC/QUERY”** is a tool that allows for programming updates to a DB2 database in an IBM mainframe environment.
- 3. QUALIFICATIONS:** Vendor, or Vendor’s staff if requirements are inherently limited to individuals rather than corporate entities, shall have the following minimum qualifications:
- 3.1.** The Application Programmer Analysts must have at least (5) five years of paid full-time experience programming in IBM Mainframe, designing and maintaining enterprise level complex COBOL/CICS/DB2 environment. Vendor shall provide Agency with supporting documentation, such as, a resume to support the required years of experience to meet the qualifications. Documentation should be submitted with the vendor’s bid but will be required before award of contract.
- 3.2.** The Application Programmer Analysts must have at least (5) five years of paid full-time experience programming with JCL in an enterprise mainframe environment. Vendor shall provide Agency with supporting documentation, such as, a resume to support the required years of experience to meet the qualifications. Documentation should be submitted with the vendor’s bid but will be required before award of bid.

Revised 2/15/2024



## REQUEST FOR QUOTATION

### Mainframe Application Programmer Analysts

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- 3.3. The Application Programmer Analysts must have at least (3) three years of paid full-time experience programming in the WV Drivers enterprise mainframe database analysis and design. The Application Programmer Analysts must also have experience working in a regulated environment either at the federal or state level. Vendor shall provide Agency with supporting documentation, such as, a resume to support the required years of experience to meet the qualifications. Documentation should be submitted with the vendor's bid but will be required before award of bid.
- 3.4. The Application Programmer Analysts must have at least (3) three years of paid full-time experience using Computer Associates DB2/IBM Tools – RC/Update and PRF. Vendor shall provide Agency with supporting documentation, such as, a resume to support the required years of experience to meet the qualifications. Documentation should be submitted with the vendor's bid but will be required before award of bid.
- 3.5. The Application Programmer Analysts must have at least (3) three years of paid full-time experience working with the any DMV System. Vendor shall provide Agency with supporting documentation, such as, a resume to support the required years of experience to meet the qualifications. Documentation should be submitted with the vendor's bid but will be required before award of contract.
- 3.6. The Application Programmer Analysts should have at least (1) one year of experience working with the federal and/or state legal requirements regarding Commercial Driver Licensing.
- 3.7. The Application Programmer Analysts must have 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.
- 3.8. All references to experience requirements listed in this RFQ shall be demonstrated through references provided in the candidates resumes as described above. WVDMV will verify such experience by contacting the references provided in the resumes. In the event WVDMV is unable to confirm experience based on reference information, this may result in disqualification. The vendor will be required to provide resume documentation prior to bid award.

Revised 2/15/2024



## REQUEST FOR QUOTATION Mainframe Application Programmer Analysts

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### 4. MANDATORY REQUIREMENTS:

**4.1 Mandatory Contract Services Requirements and Deliverables:** Contract Services must meet or exceed the mandatory requirements listed below.

**4.1.1** The vendor shall provide the Agency with an all-inclusive hourly rate for the contract services listed below on an open-end continuing basis. The individuals supplied by the vendor to fulfill the Contract Services must meet or exceed the mandatory requirements shown below:

**4.1.1.1** Mainframe Application Programmer Analysts must create and implement modifications to the WV DMV Drivers' License System to meet the AAMVA CDLIS Modernization Federal requirements which will allow WV to create a clean CDL file (CD31).

**4.1.1.2** Mainframe Application Programmer Analysts must perform enhancements to the DMV Driver License system to incorporate the new ACD codes as required by the Agency.

**4.1.1.3** Mainframe Application Programmer Analysts must perform enhancements to the DMV Drivers' License System to satisfy the requirements of the FMCSA to interface with the WV Court System to comply with the requirement that all convictions involving a Commercial Driver License holder or Commercial motor Vehicle must be added to the driver's record within (10) days from conviction date for compliance with federal law.

**4.1.1.4** Mainframe Application Programmer Analysts must perform enhancements to the DMV Drivers' License System as required to establish the interface with all WV DMV systems.

**4.1.1.5** Mainframe Application Programmer Analysts must perform enhancements to the current DMV Driver' License System to ensure compliance with changes in both Federal and State laws.

**4.1.1.6** Mainframe Application Programmer Analysts must perform enhancements and ensure the day-to-day operation of the DMV

Revised 2/15/2024



## REQUEST FOR QUOTATION Mainframe Application Programmer Analysts

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Drivers' License System resulting from mainframe system upgrades and new programming requests submitted by DMV.

**4.1.1.7 Mainframe Application Programmer Analysts** must perform daily operational support that includes, telephone support provided to end users, attending meetings, developing and conducting training and troubleshooting problems as they occur. Some examples of enhancements that would be required, include the development of a state-to-state interface based on mandated made by Federal and State regulatory authorities. The candidates would be required to develop code to programmatically meet these mandates. This would also involve system design, documentation, meeting with agency personnel, system testing and training.

### 5. VENDOR RESPONSIBILITIES:

**5.1** The vendor must provide an hourly rate that is inclusive of all costs including, but not limited to federal, state and local withholding taxes, social security and Medicare taxes as well as all unemployment compensation, workers compensation, general and professional liability premiums. All overhead for the vendor and fringe for the candidates must be included in the successful vendor's hourly rates. All travel expenses must be included in the vendor's hourly rates.

**5.1.1.** Vendor shall provide the Agency with information for the candidates according to state and federal standards, including applications. These should be included in the bid submission along with documentation required to support the candidate's qualifications. Documents will be required prior to award of contract.

**5.1.2.** The Vendor's provided candidates must consistently perform the contracted duties as outlined in these specifications and in accordance with the delivery order issued against this open-end contract.

**5.1.3.** The successful candidates will be required to present a timesheet for approval on a weekly basis.

Revised 2/15/2024





**REQUEST FOR QUOTATION**  
**Mainframe Application Programmer Analysts**

- 5.1.4.** If during the term of the Delivery Order the candidate(s) placed by the vendor leaves the company and/or has to be replaced; the vendor must give written notice to the Agency within one (1) business day, explaining the circumstances of the

departure, and must replace the candidate(s) with another candidate(s) meeting or surpassing all the requirements for the classification listed sections 3 and 4 to maintain continuity of services. Vendor must provide the Agency a list of potential candidates for replacement staffing needs within 2 weeks (10 business days) of the notification of replacement. Vendor must provide documentation and resumes for every candidate which indicates their meeting the classification. Vendors may send multiple resumes so that the agency may make the selection. Any interruption of service greater than (10) business days will be grounds for cancellation of the Delivery Order.

- 5.1.5.** The successful vendor and candidates must comply with all Agency policies and procedures. Any access or user accounts issued to a candidate to permit work in the State computing environment are subject to revocation without notice.
- 5.1.6** Prior to award, all personnel performing services for the candidates being supplied under the resulting shall be subject to initial and periodic background checks. In the case of a disqualification due to a criminal background refusal, the basis for disqualification shall be a conviction of any felony or crime related to theft, gambling or involving moral turpitude. Upon award, Vendor will work with WDMV personnel to identify personnel that complete the necessary background check requirements.

## 5.2. DUTIES AND RESPONSIBILITIES OF THE AGENCY:

- 5.2.1. Ordering Procedure:** Agency will issue an Agency Delivery Order to the successful vendor requesting the total number of hours for the positions defined in sections 3 and 4.
- 5.2.2. Successful Vendor's candidates** shall work under Agency supervision. The Agency shall be solely responsible to provide the candidates with day-to-day guidance in the execution of responsibilities at the Agency.
- 5.2.3. Agency reserves the right to terminate the candidate(s) selected for the position providing services to the Agency without cause if it is determined in the best**

Revised 2/15/2024



## REQUEST FOR QUOTATION Mainframe Application Programmer Analysts

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interest and wellbeing of the Agency. Termination would occur by cancellation of the remainder of the Delivery Order and does not require prior notification to the Vendor.

**5.2.4. Independent Contractor Status:** The purpose of this contract is to obtain temporary services that are provided by individuals or entities as independent contractors and not as employees of the State of West Virginia. The distinction between independent contractor and an employee is complex and can require analysis of 20 or more factors relating to the circumstances of each contract. The Internal Revenue Service and the U.S. Department of Labor have provided guidance on the issue at:

IRS – <http://www.irs.gov/pub/irs-pdf/p15a.pdf>

IRS– <http://www.irs.gov/Business/Small-Business-&Self-Employed/Independent-Contractor-Self-Employed-or-Employee>

DOL – <http://www.dol.gov/elaws/esa/flsa/docs/contractors.asp>

Prior to utilizing the services available under this contract, the agency and Vendor must ensure that the factors relating to the broad categories of behavioral control, financial contract, and the type of relationship between the state and the temporary worker will not cause the independent contractor relationship to be constructed as an employee/employer relationship. Items that must be considered, include but are not limited to, the degree of control exercised by the State over the temporary worker relating to performance of the job and the degree to which the temporary worker is integrated into the State's system. The Purchasing Division recommends that the agency and Vendor review the IRS and DOL publications found at the links above and obtain further assurances from their respective internal legal counsel to maintain the independent contractor status of individuals and entities under this contract.

## 6. CONTRACT AWARD:

**6.1 Contract Award:** The Contract is intended to provide Agency with an open contract to provide an hourly rate for the services described in this RFQ. Contract shall be awarded to the Vendor that provides the Contract Services meeting the required specifications for the lowest overall total cost as shown on the Pricing Pages.

Revised 2/15/2024



## REQUEST FOR QUOTATION

### Mainframe Application Programmer Analysts

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Contract will be evaluated on all lines but will only be awarded on first year. Renewal options for years 2, 3, and 4 will be initiated by the Agency, agreed to by the Vendor and processed by the West Virginia Purchasing Division as Change Orders for subsequent years.

- 6.2 Pricing Page:** Vendor should complete the Pricing Page by completing Exhibit A with an hourly rate unit price and total annual rate for 2500 hours. Then complete the same for each of the optional years. Vendor should complete the Pricing Page in full as failure to complete the Pricing Page in its entirety may result in Vendor's bid being disqualified.

Vendor should type or electronically enter the information into the Pricing Pages through wvOASIS, if available, or as an electronic document. Vendors are able to download the Exhibit A Pricing Page from the wvOASIS VSS website for this solicitation.

- 7. PERFORMANCE:** Vendor and Agency shall agree upon a schedule for performance of Contract Services and Contract Services Deliverables, unless such a schedule is already included herein by Agency. In the event that this Contract is designated as an open-end contract, Vendor shall perform in accordance with the release orders that may be issued against this Contract.
- 8. PAYMENT:** Agency shall pay an hourly rate for up-to 2500 hours per year, as shown on the Pricing Pages, for all Contract Services performed and accepted under this Contract. Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia.
- 9. TRAVEL:** Vendor shall be responsible for all mileage and travel costs, including travel time, associated with performance of this Contract. Any anticipated mileage or travel costs may be included in the flat fee or hourly rate listed on Vendor's bid, but such costs will not be paid by the Agency separately.
- 10. FACILITIES ACCESS:** Performance of Contract Services may require access cards and/or keys to gain entrance to Agency's facilities. In the event that access cards and/or keys are required:
  - 10.1.** Vendor must identify principal service personnel which will be issued access cards and/or keys to perform service.
  - 10.2.** Vendor will be responsible for controlling cards and keys and will pay replacement fee, if the cards or keys become lost or stolen.
  - 10.3.** Vendor shall notify Agency immediately of any lost, stolen, or missing card or key.

Revised 2/15/2024



## REQUEST FOR QUOTATION Mainframe Application Programmer Analysts

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- 10.4.** Anyone performing under this Contract will be subject to Agency's security protocol and procedures. This includes, but is not limited to, agreeing to and

submitting the attached Exhibit "B", WVDMV PII Acknowledgement form, and Exhibit "C" Notice of State of West Virginia Confidentiality Policies and Information Security Accountability Requirements. The WVDMV is the record owner of, and bears the responsibility for maintaining electronic Driver Licensing and Motor Vehicle Information, including Personal Information and Sensitive Personal Information as defined in the Federal Drive Privacy Protection Act ("DPPA") and the Uniform Motor Vehicles Records Disclosure Act (W. VA. Code § 17A-2A-1 et seq.) ("UMVRDA")

- 10.5.** Vendor shall inform all staff of Agency's security protocol and procedures.

### 11. VENDOR DEFAULT:

- 11.1** The following shall be considered a vendor default under this Contract.

- 11.1.1.** Failure to perform Contract Services in accordance with the requirements contained herein.
- 11.1.2.** Failure to comply with other specifications and requirements contained herein.
- 11.1.3.** Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract.
- 11.1.4.** Failure to remedy deficient performance upon request.

- 11.2** The following remedies shall be available to Agency upon default.

- 11.2.1.** Immediate cancellation of the Contract.

Revised 2/15/2024





REQUEST FOR QUOTATION  
Mainframe Application Programmer Analysts

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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: Sahil Kuthiala

Telephone Number: 408-836-5561

Fax Number: 630-209-1026

Email Address: gov@enterprisesolutioninc.com

Revised 2/15/2024



## RESUMES

### 1. JOHN ANTHONY BEATTY: INFRASTRUCTURE SUPPORT MANAGER/BSA

#### PROFESSIONAL SUMMARY:

- Expert in application development lifecycle including design, testing and implementation in accordance with timeline and budget.
- Able to work under pressure, use own initiative and motivation to meet deadlines.
- Well versed with unit testing and load testing
- Advanced troubleshooting, debugging and diagnostic skills.
- Well-developed communication, analytical and problem solving skills.
- Familiar with DB2 utilities, QMF, SPUFI
- Experience in Coding, Testing and ability to work in a high volume capacity.
- Can handle multiple projects simultaneously without compromising on quality.
- Ability to provide and implement technical solutions to a wide range of difficult problems.
- Experienced with Agile Development
- A solid understanding of structured analysis techniques.
- Patient, confident and passionate to give my best in every task assigned to me
- Experienced in conducting remote meetings and collaboration via Microsoft Lync.
- Industries experience: banking, insurance, manufacturing, retail, and telecommunications.
- Strong MS Office products (Word, Excel, Windows, Office, Explorer).
- Pro-active, flexible, enthusiastic, and results driven.

#### TECHNICAL SKILLS:

Skill	Number of years
COBOL	20+
DB2	20+
CICS	20+
VSAM	20+
JCL	20+
CIF	1
FLL	2
Banking	6
Insurance	9
Manufacturing	4
Retail	6
Shipping	2
Telecommunications	2

#### PROFESSIONAL EXPERIENCE:

<b>PNC, ACLS project</b>	<b>Infrastructure support manager/BSA</b>	<b>Oct 2022 – Current</b>
<ul style="list-style-type: none"> <li>• Worked on DOXIM decommission and use Letter writer instead. Created Business Line of Credit (BLOC) annual fee renewal letters Letter Writer interface. Used VSAM, JCL, COBOL, CICS.</li> </ul>		
<b>PNC, Microsoft FLL Rewrite project</b>	<b>Infrastructure support manager/BSA</b>	<b>Oct 2020 – Dec 2021</b>
<ul style="list-style-type: none"> <li>• Infrastructure support manager/BSA. PNC decided to change technology stack from IBM to MS.NET and was only member of Agile team retained.,</li> <li>• Decommission old FLL Servers, Oracle Databases. Help setup new MS servers and new Oracle Databases, Set up Non-human user ID's and onboard them to CyberArk.</li> <li>• Resolve issues that fell thru the cracks on request.</li> </ul>		



<ul style="list-style-type: none"><li>Well versed in creating ServiceNow request.</li><li>Create and update Jira stories. Worked with developers to resolve issues on an as needed basis.</li></ul>		
<b>PNC, IMB FLL Project</b>	<b>Senior Mainframe developer</b>	<b>Aug 2019 – Oct 2020</b>
<ul style="list-style-type: none"><li>BSA. Member of Agile team with Ken Hill and worked with client to determine requirements, write Jira stories and track to conclusion.</li><li>Decommission servers and databases, Worked with developers to setup SSRS in each environment.</li><li>Worked as contact with Microsoft for proof of concept for new SSRS procedures.</li></ul>		
<b>PNC, CIF MDM Coexistence project</b>	<b>Senior Mainframe developer</b>	<b>Feb 2018 – Jun 2019</b>
<ul style="list-style-type: none"><li>Senior Mainframe developer, COBOL, CICS, DB2, VSAM, IMS, MQ. Member of an agile team that synchronized IMS database updates in CIF with MDM via DB2 tables.</li><li>Research system interfaces and identify programs that require changes.</li><li>Analyzed programs for IMS updates and code changes in programs to send changes to DB2 tables.</li><li>Unit test changes to insure programs integrity and make sure changes are kept in sync.</li></ul>		
<b>APEX On contract at Windstream</b>	<b>Contract Programmer</b>	<b>Dec 2015 – Jun 2016</b>
<ul style="list-style-type: none"><li>Worked on MIROR (Mechanical Inventory Record and Ordering) system enhancing package to handle added copper wire to maximize current ADSL telephony technology for faster internet speeds.</li><li>Analyzed current MicroFocus COBOL programs to determine which programs that needed changed.</li><li>Found problem with initial DB design early on in development that prevented rework later on in project.</li><li>Wrote new screen panels to update/display transmission parms.</li><li>Worked in a fast paced environment with minimal specifications. Learned UNIX VI editor.</li></ul>		
<b>EIS On contract at Parker Hannifin</b>	<b>Contract Programmer</b>	<b>Nov 2012 – Nov 2015</b>
<p>Provide 24/7 support for multi-division corporation for one month rotation. Coding IMS, COBOL, CICS, TELON, VSAM and DB2/SQL applications per specifications for PSO(Parker Sales Orders) and CSO (Commercial Sales Orders) systems.</p> <ul style="list-style-type: none"><li>Won the 2013 IT collaboration and business innovation award for Proforma Invoice email reprint project as sole developer and designer.</li><li>Fine tuning IMS, COBOL, CICS and DB2 programs and applications for efficiency.</li><li>Wrote Skid receiving system that allows for bar code scanning of pallets and updating of inventory of parts which allowed for cross dock shipping without unloading pallets.</li></ul>		
<b>Progressive Insurance</b>	<b>Release Deploy Analyst</b>	<b>May 2011 – May 2012</b>
<ul style="list-style-type: none"><li>Responsible for the planning, scheduling, and controlling of the movement of releases to test and managed environments.</li><li>Ensure that the integrity of the managed environments is protected, and that the correct components are released.</li><li>Maintain ongoing information concerning releases throughout the release life cycle, including updates of information about specific releases, closure of release records and tracking of releases through the stages within the life cycle of assigned applications.</li><li>Wrote XML scripts to build applications and elevate to controlled environments servers.</li><li>Streamline and document processes to make them more efficient so that they can be done by lower cost resources.</li><li>Tools used were Serena ChangeMan ZMF, BMC Demand, BMC Remedy, XML, ISPF, SAR, Microsoft Visual Studio Team foundation server, SQL 2008.</li></ul>		



<b>Progressive Insurance,</b>	<b>IT Applications Programmer</b>	<b>Oct 2003 – May 2011</b>
<ul style="list-style-type: none"> <li>• RFL: Application development moved to COS, became Release Deploy Analysts.</li> <li>• Designed and wrote programs in MVR systems for motor vehicle information on drivers using COBOL, JCL, DB2, CICS, and MQ Series that interface with third party Vendors such as Choicepoint and EARS.</li> <li>• Designed and wrote middleware to transfer, reformat and edit data across platforms from mainframe to servers.</li> <li>• Identified problematic SQL and optimized SQL queries that helped improve application performance.</li> </ul>		
<b>Anthem Blue Cross Blue Shield</b>	<b>Consultant</b>	<b>Oct 2002 – Sep 2003</b>
<ul style="list-style-type: none"> <li>• Designed, wrote and installed CICS, DB2, COBOL, system to recoup overpayment to doctors on subsequent claims.</li> <li>• Consisted of 11 CICS screens and 4 batch programs. Sole developer on project that was done on time and within budget.</li> <li>• CICS, DB2, COBOL, ISPF, QMF, Batch SPUFI, VSAM, Xpeditor, Ensured proper backup and recovery by maintaining DB2 image copies and recovery JCL.</li> <li>• Performed data maintenance using LOAD, UNLOAD, REORG, RUNSTATS)</li> </ul>		
<b>Department of Defense,</b>	<b>Programmer/Analyst</b>	<b>Oct 2014 – Feb 2015</b>
<ul style="list-style-type: none"> <li>• Wrote mainframe online COBOL CICS MQM programs to interface with web base application that allows users to access their retirement accounts via the web.</li> <li>• Accept an incoming MQM message and obtain data from mainframe VSAM files/DB2 tables and format data to XML format and send message back to the sever via a MQM queue.</li> <li>• Troubleshoot and fix production ABENDs as they occur.</li> <li>• Wrote customer acceptance testing JCL to test software before production migration.</li> <li>• Loaded test data from production VSAM files as needed using IDCAMS. Created and updated ROSCOE RPF's.</li> </ul>		
<b>Nationwide Financials RFL</b>	<b>Sr. Consultant</b>	<b>May 2001 - Oct 2001</b>
<ul style="list-style-type: none"> <li>• On project at Nationwide Financials New Business Desktop analyzed and documented present new business system to isolate business rule edits on the mainframe.</li> <li>• Wrote mainframe application interfaces between GUI Jacada presentation layer and CICS COBOL VSAM data repository using ROSCOE.</li> </ul>		
<b>Medical Mutual of Ohio Claims</b>	<b>Sr. Consultant</b>	<b>Aug 2000 – Apr 2001</b>
<ul style="list-style-type: none"> <li>• Worked on Medical Mutual's systems initiative of broker Internet Claims Link Web development.</li> <li>• Create backup and load DB2 utilities for database recovery and loading of test environments.</li> <li>• Created ad hoc queries to investigate problems.</li> <li>• Wrote one shot programs to fix data problems.</li> <li>• Wrote DB2 stored procedures for ASP code for data queries from web applications.</li> <li>• Fix jobs that ABEND using JCL, DB2, and COBOL. Ran Explains to write more efficient Queries to improve performance issues.</li> <li>• Duties included identification of management needs, feasibility studies, and custom software development. Heavy use of COBOL, CICS and DB2.</li> </ul>		

**EDUCATION – CERTIFICATIONS - AWARDS:**

- **Bachelor of Business Administration Computer Systems Ohio University Trainings and certifications**

**References**

Project Name	Name	Contact	Email	Designation
PNC	Maunesh Sahoo	862 242 0154	<a href="mailto:Maunesh.Sahoo@pnc.com">Maunesh.Sahoo@pnc.com</a>	Manager





Microsoft	Laffeon Brittingham	443 859 1414	<a href="mailto:lbrittingham@dtcc.com">lbrittingham@dtcc.com</a>	Project Manager
Nationwide Financials	Stephen Peck	703 407 3609	<a href="mailto:Stephen.P.Peck@saic.com">Stephen.P.Peck@saic.com</a>	Project Manager
Medical Mutual of Ohio Claims	Tom Pyles	502 750 2477	NA	Team Lead
Department of Defense	Ankit Patel	832 310 7983	NA	Team Lead
Anthem Blue Cross Blue Shield	Diwakar Bhat	248 825 0372	NA	Project Manager
Progressive Insurance	Rajat Amod	201 725 8568	NA	Project Manager

Please see the resume of 2<sup>nd</sup> resource on next page.



## 2. ELISA KEARNS: PRODUCTION ANALYST / DATA ANALYST / REGULATORY ANALYST / COBOL

### PROFESSIONAL SUMMARY:

- Over 18 years of experience in IT, with more than 38 years in developing application systems covering requirement management, analysis, software coding/development, deployment, operations of complex IT systems, services, and technologies for multi-billion-dollar global corporations.
- Hands-on technology professional accustomed to working in complex, project-based environments.
- Multifaceted experience in software project planning, eliciting requirements, coding/development/deployment, solutions crafting, software testing, and user-acceptance testing.
- Committed to professionalism, highly organized, can see the big picture while paying attention to the minute details. Proven ability to successfully analyze an organization's critical requirements, identify deficiencies, and develop innovative solutions which help improve system performance meeting the technology goals.
- Experienced in legacy/mainframe (zOS) application assessment and cloud migration/modernization initiatives/programs.
- API development: Ability to develop APIs for interfacing with DB2.
- Test Data Management (TDM): Test Data modeling/masking/profiling/analysis and discovery.
- Ability to collaborate with the business and cross-functional teams for requirement gathering and convert them into user stories.
- Analyze and identify the gaps in requirements and propose alternate options from a continuous improvement (CI) perspective.
- Wide experience in designing and developing mainframe applications.
- Profound knowledge of best practices in application architecture and development lifecycle.
- Hands-on with zOS, COBOL, PL/1, JCL, SQL, VSAM, DB2, Oracle, IMS, CICS, IBM MQ Series and CA7, and CM tools (ChangeMan, Endeavour and Control-M) – file types viz., XML, JSON, CSV, Excel, etc.
- Data processing from VSAM, KSAM, Flat Files and Batch Link (to create navigational hyperlinks) for any transformation and migration purposes.
- Proficiency in converting JCL into any other scripts like SQL Server Jobs/Windows Scripts
- Testing – Comparative side by side testing of the legacy system and the new system
- Support and Maintain – Post implementation support.
- Knowledge Transfer – Documentation of new processes and conducting of knowledge transfer sessions.
- Support and manage incident management bridge calls with DBAs, end-users (business), client technology group and systems management teams.
- Ability to develop application interfaces, data mappings and resolve any interface issues.
- Ability to design and support high-volume critical systems and resolve any design challenges.

### TECHNICAL SKILLS:

REXX (Less than 1 year), Business Requirements (10+ years), Unit Testing (10+ years), Data Modeling (1 year), Computer Networking (5 years), Test Cases (10+ years), User Interface (UI) (10+ years), Application Development (10+ years), SQL (10+ years), Microsoft SQL Server Management Studio (1 year), PL/SQL (5 years), Microsoft Office (10+ years), Microsoft Word (10+ years), Microsoft PowerPoint (2 years), Microsoft Outlook (10+ years), Microsoft SQL Server (1 year), Microsoft Access (10+ years), Microsoft Excel (10+ years), Visual Basic (10+ years), VBScript (10+ years), HTML (Less than 1 year), Java (Less than 1 year), Oracle (10+ years), CICS (5 years), VSAM (4 years), Fortran (Less than 1 year), DB2 (2 years), Pascal (Less than 1 year), COBOL (4 years), SAS (10+ years), JCL (10+ years), MVS (10+ years), IMS (1 year), Requirements Gathering (10+ years), System Development Lifecycle (10+ years), PL/1 (3 years), Foxpro (Less than 1 year), LAN (5 years), C++ (Less than 1 year), VMS Operating System (1 year), VM/SP Operating System (2 years), CMS (2 years), dBase III (2 years), RDB/RMS Database (1 year), Data Entry (10+ years), PeopleSoft (Less than 1 year), SAP (2 years), VLOOKUPS (Less than 1 year), Pivot Tables (Less than 1 year), Database Administration (10+ years), Database Development (10+ years), Database Design (10+ years), UNIX (4 years), Mainframe development (10+ years), Adobe



Acrobat (10+ years), Assembly Language (3 years), Regulatory Reporting (10+ years), Regulatory Compliance (10+ years), Regulatory Submissions (10+ years), Regulatory Requirements (10+ years), Data Collection (10+ years), Data Analysis (10+ years), Data Management (10+ years), Easytrieve (1 year), EDI (1 year), FTP (10+ years), Project Lifecycle (10+ years), Metrics (1 year), Microsoft Sharepoint (3 years), SCADA (3 years), IBM TSO/ISPF (4 years), VAX/VMS Systems (4 years)

#### PROFESSIONAL EXPERIENCE:

**DIVERSIFIED Resources, LLC** **Production Analyst** **Mar 2018 to Present**  
Development in MS Access Databases, MS Excel, Visual Basic, & Visual Basic Script for: Asset, Asset Production, Asset Event, Asset Invoice, & Asset Inspection Tracking for:

- Accounting Reporting
- Created and optimized complex SQL queries for data analysis and reporting.
- Wrote and maintained JCL scripts to execute COBOL batch jobs in a production environment.
- State Compliance Reporting
- US EPA (United States Environmental Protection Agency) Reporting

**CNX Resources Corporation** **Production Analyst / Mainframe Developer** **Apr 2009 - Feb 2018**  
Development in MS Access & SQL Server Databases, MS Excel, Visual Basic, & Visual Basic Script for: Asset, Asset Production, Asset Event, & Asset Inspection Tracking for:

- Accounting Reporting - SAP Accounting Database & Legacy ORACLE Database Interfacing
- Safety Reporting
- Wrote and optimized COBOL programs for batch processing, including data extraction, transformation, and loading (ETL).
- Automated job scheduling, file handling, and batch processing using JCL.
- Developed and maintained batch and online programs using COBOL, CICS, and DB2.
- State Compliance Reporting
- US EPA (United States Environmental Protection Agency) Reporting

**West Virginia Department of Transportation Mainframe Application Programmer Analysts** **Dec 2005 - Mar 2009**  
Development in SQL, SAS, RTF (Report Facilitator), MS Access Databases, MS Excel, Visual Basic, Visual Basic Script, FTP Script, & JCL (MVS Platform) for:

- Analyzed and designed database structures for the WV Drivers License System.
- Developed and maintained COBOL applications for high-volume, transaction-based systems in a mainframe environment.
- Utilized CA RC/Update for real-time DB2 data updates and table maintenance.
- Executed complex DB2 table updates and maintenance tasks using RC/Update in both test and production regions.
- Interpreted and implemented FMCSA regulations within DMV systems to support Commercial Driver Licensing compliance.
- Developed system logic to enforce disqualification rules and ACD code handling for CDL holders.
- Integrated federal systems like CDLIS and PDPS with the state DMV platform.
- Ensured DMV system compliance with FMCSA and AAMVA data exchange standards.
- Participated in DMV modernization efforts, including system design and data migration.
- Resolved production issues related to license issuance, renewals, and suspensions.
- Developed and maintained mainframe applications supporting DMV driver and vehicle services.
- Worked on system enhancements for DMV Driver's License and Vehicle Registration modules.
- Navigated and manipulated DB2 databases through RC/Update for efficient troubleshooting and data correction.
- Enabled business users and QA teams with PRF-driven reports for DMV compliance tracking.
- Ensured DB2 data integrity during application upgrades using PRF data snapshots.
- Performed data validation and on-the-fly corrections using RC/Update in production environments.



- Used PRF (Perform Report Facility) for generating detailed reports from DB2 tables.
- Enhanced data quality and traceability using CA DB2 tools in a regulated environment.
- Integrated AAMVA systems (CDLIS, PDPS) with the WV Drivers database architecture.
- Ensured WV Drivers database systems complied with FMCSA and federal data exchange standards.
- Collaborated with business analysts to design data solutions aligned with state DMV requirements.
- Contract Bid Letting & Award System - ORACLE Database Administrator
- Translated regulatory requirements into database structures for WV DMV applications.
- Designed data interfaces for system integration across DMV applications.
- Integrated JCL with CA-7 and Control-M for enterprise-wide job scheduling.
- Analyzed and resolved production issues in COBOL/CICS/DB2 modules.
- Inclement Weather Roadway Project- Interface Truck Equipment Data Collection with Reporting for Cost Savings

**West Virginia University                      Mainframe Application Programmer Analysts                      April 1996 - Nov 2005**

Development in SQL, SAS, MS Access & DBase Databases, MS Excel, Visual Basic, JCL (MVS Platform), & ORACLE Interfacing for:

- Academic Data, & Department Project Management System - Database Administrator for:
- Academic, Federal & State Compliance Reporting LAN Administrator
- Designed and coded mainframe solutions using COBOL, ensuring compliance with client requirements and federal/state regulations.
- Created interfaces for State-to-State (S2S) data sharing
- Managed database operations using DB2 utilities and tools.

**CNG Transmission Corporation                      Programmer / Programmer Analyst                      1993 - 1995**

Development in COBOL/Mainframe SAS, TSO, CICS, IMS & JCL (MVS Platform) for:

- CPU usage costs, Tax Data, Financial Accounts Payable Process Data Modeling, Time Management & Metrics Applications Tracking & Reporting
- Collaborated with cross-functional teams to migrate legacy COBOL applications to modern mainframe environments.
- Developed and maintained DB2/COBOL applications to integrate with relational databases and manage large datasets efficiently.

**Georgia Pacific Corporation                      Programmer II                      1992 - 1993**

Development in COBOL, COBOL Case End Tools, JCL (MVS Platform), & XPEDITER using RDB/RMS & VSAM Databases for:

- Project Team software support for the development of an organizational Transportation Management System using EDI methods & standards to interface with shipment carriers

**West Virginia IS & C Development Center                      Programmer / Analyst                      1990 - 1992**

Development in COBOL, CICS, ASSEMBLER, SAS, TSO, SQL, & JCL (MVS Platform) using VSAM & DB2 Databases for:

- Multiple State Government Agencies - Accounting, Budgeting, & Inventory Tracking & Reporting

**Southern Farm Bureau Life Insurance Company                      Programmer                      1989 - 1990**

Development in CICS, ASSEMBLER, TSO, EASYTRIEVE, GENER/OL, & JCL (MVS Platform) using VSAM Databases for:

- Life Insurance Application Processing

**National Institute for Occupational Safety & Health                      Programmer                      1987 - 1989**

Development in SAS, PL/1 & JCL (MVS Platform) using SAS & DBase Databases for: Statistical and Epidemiological Research & Studies for Occupational Safety & Health



**EDUCATION – CERTIFICATIONS - AWARDS:**

- Master of Business Administration in Business Administration  
Colorado Christian University - Lakewood, CO 2004 to 2006
- Post-Graduate Studies in Math - Algebra, Trigonometry, Calculus I, II  
West Virginia University - Morgantown, WV 1995 to 1997
- Bachelor of Science in Business Administration and Computer Science  
Fairmont State University - Fairmont, WV 1982 to 1986

**Professional References:**

Project Name	Name	Contact	Email	Designation
DIVERSIFIED Resources	Anand Devasenan	N/A	<a href="mailto:anand.devasenan@hotmail.com">anand.devasenan@hotmail.com</a>	Manager
National Institute for Occupational Safety & Health	Satish Singh	913-278-2260 (M)	<a href="mailto:Satish_Singh02@gmail.com">Satish_Singh02@gmail.com</a>	Project Manager
Southern Farm Bureau Life Insurance Company	Ashish Kumar Jain	(414) 334-4248	<a href="mailto:akjain@rsinfocon.com">akjain@rsinfocon.com</a>	Project Manager
Georgia Pacific Corporation	Masood Khan	1 804-426-8991	<a href="mailto:masood.khan@medadv360.com">masood.khan@medadv360.com</a>	Project Manager





## ADDENDUM

### ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.: CRFQ DMV2500000004

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

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

#### Addendum Numbers Received:

(Check the box next to each addendum received)

<input checked="" type="checkbox"/> Addendum No. 1	<input type="checkbox"/> Addendum No. 6
<input checked="" type="checkbox"/> Addendum No. 2	<input type="checkbox"/> Addendum No. 7
<input checked="" type="checkbox"/> Addendum No. 3	<input type="checkbox"/> Addendum No. 8
<input type="checkbox"/> Addendum No. 4	<input type="checkbox"/> Addendum No. 9
<input type="checkbox"/> Addendum No. 5	<input type="checkbox"/> Addendum No. 10

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that 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.

Enterprise Solutions, Inc.

Company

Umesh Ghai

Authorized Signature

05/06/2025

Date

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

## EXHIBIT A - PRICING PAGE

MAINFRAME APPLICATION PROGRAMMER ANALYSTS				
LOCATION - 5707 MacCorkle Avenue, S.E., Charleston, WV 25304				
Item Number	Quantity	Description	Hourly Rate	Annual Total
Year One	20,000 (8x2500 hrs)	Application Programmer Analysts Contract Cost for 1 year based on hourly rate - - Year One	77	1540000
Optional Year Two	20,000 (8x2500 hrs)	Application Programmer Analysts Contract Cost for 1 year based on hourly rate - - Optional Year Two	78.54	1570800
Optional Year Three	20,000 (8x2500 hrs)	Application Programmer Analysts Contract Cost for 1 year based on hourly rate - - Optional Year Three	80.11	1602200
Optional Year Four	20,000 (8x2500 hrs)	Application Programmer Analysts Contract Cost for 1 year based on hourly rate - - Optional Year Four	81.71	1634200

**\*\* THIS AMOUNT IS FOR EVALUATION PURPOSES ONLY \*\***