



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: 1381091

SO Doc Code: CRFQ

Procurement Type: Central Master Agreement

SO Dept: 0802

Vendor ID: VS0000039921 

SO Doc ID: DMV2400000003

Legal Name: ENTERPRISE SOLUTIONS INC

Published Date: 3/26/24

Alias/DBA:

Close Date: 4/2/24

Total Bid: \$7,200,000.00

Close Time: 13:30

Response Date: 04/02/2024 

Status: Closed

Response Time: 12:51

Solicitation Description: Mainframe Application Programmer Technical Staffing Services

Responded By User ID: ESI2023 

Total of Header Attachments: 2

First Name: Umesh

Total of All Attachments: 2

Last Name: Ghai

Email: SLED@enterprisesolutionir

Phone: 630-955-5986



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: 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 ESR04022400000005718	1

VENDOR
VS0000039921
ENTERPRISE SOLUTIONS INC

Solicitation Number: CRFQ 0802 DMV2400000003
Total Bid: 7200000
Response Date: 2024-04-02
Response Time: 12:51:02
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			7200000.00

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.

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 DMV2400000003

PROPOSED BY:



ENTERPRISE SOLUTIONS, INC.

Designated Contact: Umesh Ghai (President)

Phone: 408-836-5561

Email: gov@enterprisesolutioninc.com

Address: 700 East Diehl Rd, Suite 110, Naperville, IL
60563

DUE DATE: April 2nd, 2024 at 01:30 PM EST



TABLE OF CONTENTS

Cover Letter 3

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

SPECIFICATIONS 8

RESUMES 18

1. RAVINDER REDDY CHAMA: MAINFRAME COBOL DEVELOPER 18

 Ravinder Reddy Chama References 22

2. SAFIUDDIN IQBAL MOHAMMED: TECHNICAL LEAD..... 23

 Safiuddin Iqbal Mohammed References 30

Addendum 31



COVER LETTER

Attention: David H Pauline
Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

Date: April 2, 2023

Subject: **Response to “Solicitation # CRFQ 0802 DMV240000003, 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 DMV240000003, 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 **24 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 100 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.



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:

Contact Name:	Umesh Ghai (President)
Physical Address:	700 East Diehl Rd., Suite 110, Naperville, IL 60563
Email Address:	gov@enterprisesolutioninc.com
Telephone Phone:	408-836-5561

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

- ✓ ESI has **24 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 24 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 100+ 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 **24 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



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,

Signature: *Umesh Ghai*

Umesh Ghai, President

Mailing Address: 700 East Diehl Rd, Suite 110, Naperville, IL 60563

Telephone: 408-836-5561

Fax number: 630-206-1290

E-mail address: 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

Proc Folder: 1381091 Doc Description: Mainframe Application Programmer Technical Staffing Services Proc Type: Central Master Agreement		Reason for Modification: Addendum No. 5	
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: VS0000039921 Vendor Name : Enterprise Solutions, Inc. Address : 700 East Diehl Rd, Suite 110, Naperville, IL 60563 Street : 700 East Diehl Rd, Suite 110 City : Naperville State : Illinois Country : USA Zip : 60563 Principal Contact : Umesh Ghai Vendor Contact Phone: 408-836-5561 Extension:		

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

Vendor Signature X <i>Umesh Ghai</i>	FEIN# 77-0538464	DATE 04/02/2024
--------------------------------------	-------------------------	------------------------

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) **Lynette Wilson, Account Manager**

(Address) **700 East Diehl Rd, Suite 110, Naperville, IL 60563**

(Phone Number) / (Fax Number) **(14693937072) / (630-209-1026)**

(email address) **gov@enterprisesolutioninc.com**

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

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

Enterprise Solutions, Inc.

(Company) *Umesh Ghai*

(Signature of Authorized Representative)

Umesh Ghai, President, 03/19/2024

(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 – CRFQ DMV24*03 Mainframe Application Programmer Analysts

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 organization 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 – CRFQ DMV24*03 Mainframe Application Programmer Analysts

- 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 (2) two 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 (1) one year 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 – CRFQ DMV24*03
Mainframe Application Programmer Analysts

- 3.3. The Application Programmer Analysts must have at least (1) one year of paid full-time experience programming in 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 (6) six months 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 (1) one year of paid full-time experience working with 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 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.
- 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 – CRFQ DMV24*03 Mainframe Application Programmer Analysts

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 – CRFQ DMV24*03 Mainframe Application Programmer Analysts

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 – CRFQ DMV24*03 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 WVDMV 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 – CRFQ DMV24*03 Mainframe Application Programmer Analysts

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 – CRFQ DMV24*03 Mainframe Application Programmer Analysts

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 – CRFQ DMV24*03
Mainframe Application Programmer Analysts

- 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 – CRFQ DMV24*03
Mainframe Application Programmer Analysts

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: Lynette Wilson

Telephone Number: 469-393-7072

Fax Number: 630-209-1026

Email Address: gov@enterprisesolutioninc.com

Revised 2/15/2024



RESUMES

1. RAVINDER REDDY CHAMA: MAINFRAME COBOL DEVELOPER

PROFESSIONAL SUMMARY:

- Having a Total of **18 Years** of IT Project Experience.
- Having **13 Years** of experience in **Mainframe** which includes 4+years in Production Support, 3+ years in Development, 2+ years in Onsite Coordination of Development Projects (including Business & System Analysis/Design/Test Support/ Implementation), 1 + years in Mainframe Admin activities like Disaster recovery & Secure plus enablement.
- Have **3+ Years** in **JEE Development** and **1 + Years** in **URL/XML** based testing.
- Looking for Mainframe Developer, Mainframe Systems Analyst, Mainframe Production Support Analyst, Mainframe Tester, Mainframe/Java Business Analyst, Java Systems Analyst & Java Developer roles.
- Performed multiple roles during my career including Mainframe COBOL Developer/Developer/Project Lead Systems/Software Developer/ Sr Mainframe Developer/Computer Programmer/Software Engineer to do Mainframe Application Development, Testing and Analysis, Test Analyst to perform manual testing of Applications, Senior System Engineer/Java Developer/Software Developer/Principal Programmer to do JEE Application Development, Maintenance and testing, Technology Analyst/Software Developer/Systems Analyst to do Business/Systems Analysis, Mainframe System Admin to participate in disaster recovery and enabling secure NDM'S, Manager Projects to do Mainframe application development and coordinate Onsite Offshore in Mainframe Production Support Activity.
- Expertise in the design development of programs using COBOL, CICS, VSAM, IMS/DB, DB2.
- Having good analysis, programming, and debugging skills for large applications.
- Involved in all phases of application development SDLC from system design to integrated testing, QA testing and also production support.
- Strong analytical and design skills(high Level and low level) in batch programming environment in designing DB2 systems involving batch COBOL.
- Good working knowledge in Banking, Insurance, Healthcare and Finance Domain.
- Strong technical skills in the areas of COBOL, DB2 batch programming and online CICS programming.

TECHNICAL SKILLS:

Mainframe:	TSO,ISPF & SDSF.
Languages:	IBM COBOL, JCL,PROCS, HTML, XML, JAVA,DYL280 & SQL.
Databases:	DB2,Postgres,Oracle & IMS/DB.
Scheduling Tools:	CA view, CA-JOBTRAC & CA ESP.
Development Tools:	ISPF,BIM EDIT,ECLIPSE & LIFERAY STUDIO.
Ticketing Tools:	Infoman, Service Now
Project Tools:	Jira,Team Foundation Server, Version One
Files & File/Table Tools:	VSAM,File Aid & QMF.
Configuration Management:	Changeman,Alchemist,ISPW,Endevor,git,SVN & CVS.
OLTP:	CICS, IMS/DC.
Servers:	WebSphere, WebLogic, JBOSS, httpd & Tomcat.
Utilities:	IBM Utilities (SORT, IEBEGENER, IDCAMS) & SPUFI.
Operating Systems:	MVS/ESA on IBM/390, VSE, Z/OS, Windows 2000/NT/XP/98/95, windows 11 & Linux.
File Transmissions:	FTP, NDM.
Middleware:	MQ Series.
Team Management and Leadership:	Onsite Coordinator.
MS Office (Excel, Visio), Lotus	MS-VISIO, MS-Office.
Notes:	



Software Testing Tools: QC, XPEDITOR. (HP QC, Smartest, Xpeditor, IBM FA)		
PROFESSIONAL EXPERIENCE:		
Fiserv	Mainframe Cobol Developer	Jul 2023 – Dec 2023
<ul style="list-style-type: none"> Modify the PROCS as part of Development Project. Changed a COBOL Program and tested it. Modify the Datalib member to update the rates for Credit Card Networks related to Payments. Perform unit/regression tests on the changed components. Creation of Test files/VSAM files for testing. Updating the status of the Tasks in Jira and using Service now to raise implementation Change requests. 		
Technology Used: IBM COBOL, JCL, PROCS, File Aid, Endeavor, VSAM, Jira and Service Now.		
WWT/ Edward Jones	Mainframe Developer	Sep 2022 – Feb 2023
<ul style="list-style-type: none"> Worked on modifying IBM COBOL DB2 Programs. Performing Online testing of the IBM COBOL programs using url and creating test result document after verifying the results in DB2 Tables and CICS Started Tasks. Using RC query to execute SQL queries to check and Validate the Test results on DB2 Table. Updating the status of the Tasks in Jira. 		
Technology Used: IBM COBOL,DB2,SQL,Jira & ISPW.		
JPMC	Project Lead Systems	Aug 2021 – May 2022
<ul style="list-style-type: none"> Worked on an IMS DB Scan Program to create an extract Offer ID file based on Provided input records. Utilized Change man, a mainframe-based configuration management tool, for version control, change tracking. Performed testing of IBM COBOL Programs in QA. Developed COBOL program to interact with VSAM (Virtual Storage Access Method), files and IMS DB (Information Management System - Database) datasets, implementing file handling operations such as read, write and update ensuring efficient IMS data retrieval and manipulation. Updating the status of the Tasks in Jira. 		
Technology Used: JCL,IBM COBOL,Changeman,VSAM,File Aid,Jira & IMS DB.		
UPS	Manager Projects	Jan 2021 – Jul 2021
<ul style="list-style-type: none"> Attended the KT Sessions for ISPS Mainframe Application. Executed the One time Jobs to Update the DB2 tables and Test Data Load activities. Work as Onsite Coordinator for Cognizant. Work on enhancements to IBM COBOL/DB2/CICS Programs. Utilized SPUFI (SQL Processing Using File Input) to execute ad-hoc SQL within DB2 environments. Look into the Incidents and Defects of ISPS Application. Work and resolve Production Problems. Updating the status of tasks in Team Foundation Server. 		
Technology Used : JCL,CA-ESP,IBM COBOL,CICS,MQ Series,SPUFI,Team Foundation Server & DB2.		
TCS/DTCC	Mainframe System Admin	April 2019 – Sep 2020
<ul style="list-style-type: none"> Provide Production Support to NDM Transmission errors and XACT Account access, report access and ftp errors. Create Test JCL to generate adhoc reports and update the license in XACT. Utilized TSO commands and facilities for interactive access to mainframe systems, performing tasks such as file management & job submission. 		



- Interacted with TSO ISPF (Interactive System Productivity Facility) panels for menu navigation, dataset browsing and job submissions.
- Update Secure plus and netmap entries for NDM Transmissions in Production.
- Participate in the Disaster Recovery Exercise in Production.
- Execute the Monthly Extract Jobs to Create Monthly usage reports.
- Raising requests in Service now for high privilege access and implementing disaster recovery tasks.

Technology Used : JCL, Mainframe, Service Now and TSO.

SAIC/VITA **Software Developer** **Aug 2018 – Dec 2018**

- Provide Production Support to the Mainframe jobs of Billing System.
- Monitor the ftp steps for file transmission and rerunning the step in case of errors.

Technology Used : JCL, Mainframe and TSO.

Infosys Limited **Senior Systems Engineer/Technology Analyst** **Nov 2016 – Aug 2017**

- Analyzed the Mainframe Check Deposit Application based on KT recordings.

Technology Used : Mainframe.

AT & T **Developer** **Nov 2016 – Mar 2017**

- looked into an user story for flag not setting correctly.
- Install local version of the httpd server.

Technology Used : Java, Spring MVC, httpd and Eclipse.

NOAA **Java Developer** **Oct 2015 – Oct 2016**

- Creating HTML/JSP forms for entering beach and report parameters.
- Created the Beach and Liferay Portlets and written validations to take in the form of Parameters.
- Create different roles to perform different functions like admin, lifeguard and provide access to individual portlets to perform specific functions like add Beach or to perform add Report function on a particular Beach.
- Used Service Builder to create a persistence layer to add Report and Beach Parameters.
- Used the PSQL shell in Linux to execute the SQL commands to Select, Insert, and Update the records.

Technology Used : Java, Liferay, Liferay Studio, git, Tomcat, Postgres and Linux.

Lockheed Martin/Food and Drug Administration **Java Developer** **Oct 2014 – Feb 2015**

- run the smart upgrade tool to check for incompatible Java version errors and fix them.

Technology Used : Java, Weblogic and Eclipse

Northrop Grumman/United State Postal Service **Java Developer** **Apr 2014 – Oct 2014**

- Created modifications to the Controller Java Code to calculate the Leaves accurately.
- Performed Junit testing for user stories where there was no Front end involved and deploy on the websphere server.
- Created changes to the JQuery/Javascript to display the message dialogs correctly.
- Written Validations in Java to show the error messages.
- Updating the status of tasks in Version One.

Technology Used : Java, JEE, Eclipse, Spring MVC, SVN, Websphere, Javascript, Version One and Junit.

Arbitron **Software Developer** **Oct 2012 – May 2013**

- Created Methods and write the JDBC code to connect and update the Tables.
- Format the input Parameters for the webservice and invoke a webservice call and check the status Update on the Trigger Table.



Created an application to take in the Max hit count parameters using the Action Classes and written Javascript Validations to check the parameters entered on the HTML/JSP Page.		
Technology used : Java,JEE,CVS,JBOSS,SOAP Webservices,Javascript and Eclipse.		
CSC/Centers for Medicare and Medicaid Services Principal Programmer		May 2011 – Aug 2012
<ul style="list-style-type: none"> Modified the radio button and dropdown option on Submission page to reflect the current Year and made corresponding changes in Servlet. Modified the ent/xml files on Schematron rules Engine and unit tested them. Installation of Java/Weblogic and doing a local build of the PQRS Application using Ant. 		
Technology Used: Java, Eclipse, WebLogic, Ant, Oracle and XML.		
CSC/Centers for Medicare and Medicaid Services Software Developer		Nov 2010 – May 2011
<ul style="list-style-type: none"> Worked on creating the Technical Design Documentation. attended the Transition meetings of CMS applications from IFMC/CGI to CSC. Analysis of SOAP web Service Schemas. 		
Technology Used : Java,Eclipse,Weblogic,Ant,Oracle and XML.		
Lockheed Martin/Social Security Administration	Test Analyst	Mar 2010 – Oct 2010
<ul style="list-style-type: none"> Created Test Cases to Validate the CWOSS System and used QC to enter them. 		
Technology Used : DB2.		
CareFirst of Maryland	Sr Mainframe Developer	Aug 2009 – Dec 2009
<ul style="list-style-type: none"> Created IBM COBOL DB2 program to take the file from CCTI and apply it to the DB2 Table. 		
Technology Used: IBM COBOL, DB2, TSO, JCL, Mainframe and Changeman.		
R Systems Inc,	Software Engineer/Computer Programmer	Jun 2006 – Dec 2008
<ul style="list-style-type: none"> Monitor the ftp steps for file transmission and rerunning the step in case of errors. 		
Tyco Safety Products	Systems Analyst	Aug 2008 – Dec 2008
<ul style="list-style-type: none"> Wrote DYL280 program for file creation and completed Quality Assurance activities. 		
Technology Used : VSE,DYL280 & BIM EDIT.		
America Honda Motor	Developer	Dec 2007 – Mar 2008
<ul style="list-style-type: none"> Created IBM COBOL DB2 Programs for generating reports. 		
Technology Used : IBM COBOL,DB2,TSO, JCL,Mainframe and Changeman.		
Wellpoint Inc,	Developer	Jul 2007 – Sep 2007
<ul style="list-style-type: none"> Created New Online IMS-DC/IBM COBOL Program to execute the Menu Screen Transaction and display the Medicare/Medicaid rates. 		
Technology Used : IBM COBOL,DB2,IMS-DC,TSO,EXPEDITOR,Mainframe and Changeman.		
Toyota Motor Sales	Developer	Jun 2006 – Apr 2007
<ul style="list-style-type: none"> Created Mainframe MQ IBM COBOL Program to retrieve Data from Mainframe DB2 Tables and test it. Mapping the Cobol to XML SOAP schemas. 		
Technology Used : Mainframe,IBM COBOL,DB2,IMS DC,EXPEDITOR,MQ Series,TSO & JCL.		
Toyota Motor Sales	Systems Analyst	Apr 2006 – Jun 2006
<ul style="list-style-type: none"> Created document of all the DB2 queries accessed by batch and online programs. 		



Technology Used : Mainframe,IBM COBOL,DB2,MQ Series,TSO & JCL.		
Tata Consultancy Services	Assistant System Consultant	May 1998 – Feb 2006
<ul style="list-style-type: none"> • Systems/Consoles monitoring and management. • Escalation to application/Infrastructure L2/L3 teams. • Preparing Status reports. • Documentation updates for Standard Operating Procedures. • Handling Calls between onsite and offshore. 		
MATC	Assistant System Consultant	Aug 2005 – Feb 2006
<ul style="list-style-type: none"> • Transferred to Hyderabad and was allocated to ABN AMRO Project. 		
Aviva Insurance	Assistant System Consultant	Jan 2005 – Jul 2005
<ul style="list-style-type: none"> • Created IBM COBOL-DB2 program and performed QA and Testing activities. 		
Technology Used : Mainframe,IBM COBOL,DB2,TSO,JCL & Alchemist.		
American Express	IT Analyst/Assistant System Engineer	Jul 1998 – Dec 2004
<ul style="list-style-type: none"> • Provided on call support for Accounts Receivable & GRMS Applications and was involved in 24/7 Production Support Coverage and Distribution/Resolution of Problem records. • Worked as Onsite coordinator for LA/C Development Projects(including Business & System Analysis/Design/Test Support/ Implementation). • Support the Development of CICS/DB2 Tier rate Application from Onsite, Test the Application and coordinate on the definition and enablement of various CICS/DB2 Components. • Write a IBM COBOL Program for GNA to Match the New Account records and generate a report and Files. • Provide Test support to generate interface test files for Vision Plus and Business Analysis/System Analysis/ • UAT Test Support for Accounts Receivable Taxation Project. 		
Technology Used : Mainframe,IBM COBOL,IMS DB,IMS DC,DB2,CICS,TSO,JCL,CA-Jobtrac,EXPEDITOR,VSAM,Infoman, Changeman,BMS,SPUFI,File Aid & QMF.		
TCS	Assistant System Engineer	May 1998 – Jun 1998
<ul style="list-style-type: none"> • Undergo Training on Software Methodology and Processes and doing project in Unix & C. 		
EDUCATION – CERTIFICATIONS - AWARDS:		
<ul style="list-style-type: none"> • Master of Engineering in Electronics and Communication Engineering (Specialization in microwave engineering) from B.I.T, Ranchi, India in April, 1998. • Bachelor of Technology in Electronics and Communication Engineering from Nagarjuna University, Andhra Pradesh, India in March, 1994. 		

Ravinder Reddy Chama References

Project Name	Name	Contact	Email	Designation
Mphasis	Maunesh Sahoo	862 242 0154	Maunesh.Sahoo@mphasis.com	Manager
DTCC	Lafeon Brittingham	443 859 1414	lbrittingham@dtcc.com	Project Manager
SAIC	Stephen Peck	703 407 3609	Stephen.P.Peck@saic.com	Project Manager
Fiserv	Tom Pyles	502 750 2477	NA	Team Lead
Edward Jones	Ankit Patel	832 310 7983	NA	Team Lead
Cognizant	Diwakar Bhat	248 825 0372	NA	Project Manager
Infosys	Rajat Amod	201 725 8568	NA	Project Manager



2. SAFIUDDIN IQBAL MOHAMMED: TECHNICAL LEAD

PROFESSIONAL SUMMARY:

- Over 18 years of experience in IT, with more than 12 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:

Lean/SAFe/Agile/Scrum, Waterfall, ANCILLARY SKILLS, MS-Project, Advanced MS Office, MS Visio , MS SharePoint, Offshore Delivery, RFP management, • Mainframe, zOS, IMS, MVS, TSO, COBOL, PL/1, JCL, VSAM, CICS, Etrieve, Telon, DB2, Stored Procedures (SPs), SQL, Oracle, QMF, ChangeMan, CA7, IBM MQ Series, ISPW, Control-M and File-Aid

PROFESSIONAL EXPERIENCE:

TCS	Technical Lead	Jul-2021 - Oct-2023
• Participate in daily scrums and review stand-up calls and discuss with developers, product owners, and Architects and review the progress of discovery and requirements gathering phase.		
• Change Management: Managed and coordinated all production releases with diverse teams and across platforms covering Mainframe, on-premises, and cloud as well.		
• Written APIs for connecting with DB2 on Mainframe side. These APIs are consumed by Java code.		
• Scan and analyzed the existing legacy application code and prepare HLDs and DLDs as per the set standards.		



- Translate user requirements into product/product features. Create workable stories in the backlog. Work closely with the dev and QA teams to validate that the work item meets acceptance criteria.
- Product Definition File for Retailers: Undertaken complete end-to-end development of retail e-commerce application covering all phases SDLC, coding, testing, debugging, documenting, implementation, and post-delivery support.
- Developed DB2 native Stored Procs covering product on-boarding including vendor and non-vendor directs. This covers the following features.
- Conducted unit and integration testing. Coordinated with the QA team for their testing.
- Owned and presented the solution for the entire Data migration activity covering applications built on COBOL and DB2 technologies.
- Extract & interpret the business rules, analyze the related data sources, and propose the data migration strategy & solution including the need for syncing the data between the two environments and the approach for implementing the solution.
- Coordinated with the architects and the development teams for crafting all the database schemas and file formats.
- Supported in test data, test environment set up, organize, and conduct UAT sessions. Gather data integration issues and vulnerabilities and reported all my findings covering improvement opportunities.
- Create, executed, and document unit test plans for ETL and data integration processes and programs.
- Design codes for data access along with stored procedures and current SQL queries.
- Conduct reviews of database designs and system integration issues for further improvements.
- Testing – Comparative side by side testing of the legacy system and the new system
- Resolve troubleshooting problems relating to ETL applications and data issues.
- Participate in retrospectives and demo meetings with the development team, Scrum Master and Product owners.
- Collaborate, interact with the systems team for resolution of SMF Dumps, storage tape issues, Spool issues, contention issues, batch jobs spool utilization,
- CICS transaction management - viz., enable and disable, purging and killing and performing new copy requests.

Tools/ Technology: Mainframes (zOS, TSO, MVS, COBOL, DB2, SQL, QMF, VSAM RLS, Datacom DB, ISPW, Control-M), Java, APIs, Microservices, GCP, MQs (for data sharing across servers)

Source Code Management: ISPW - Manged all the COBOL code including the Copybooks, CICS MAPs etc.

Infosys	Technology Lead	Dec-2019 - Jun-2021
<ul style="list-style-type: none"> • Participate in daily scrums and in Sprint planning meetings and discuss with Developers, Product Owners, and Architects and review the requirements of respective sprint and support the team for estimation of the effort. • Scan and analyze the existing legacy COBOL code and prepare HLDs and DLDs as per the set standards. • Understand the requirements, analyze the impact of the changes in the functionality, prepare technical specifications and undertake coding/development as needed for the COBOL applications. • Analyzed and tested MQ channels covering GET/PUT and PUB/SUB for the purpose of data formats and communication protocol within the existing on-premises set up. • Taken up complete end-to-end development covering SDLC phases, coding, testing, debugging, documenting, implementation, and post-delivery support. • Hand-held development teams for any queries regarding requirements and existing architecture. • Develop user stories, design wireframes covering user stories and documentation that support the solution specifications. • Define test scenarios covering requirements and develop test scripts to prove each scenario for unit, regression and user acceptance testing. • Maintain the source code (using ISPW tool) repository and promote code from the lower levels to the production environment. • Application Programing with z/OS • Monitor jobs for storage issues and take corrective actions. 		



- Analyze completion codes for critical path jobs and take corrective actions.
- Build, develop and schedule batch streams.
- Build and deploy COBOL and CICS application programs.

Tools/ Technology Mainframes (zOS, TSO, MVS, COBOL, PL/1, DB2, SQL, QMF, IMS DB, VSAM RLS), Cassandra, Java, APIs, Microservices, Ready-Only Store (ROS) platform.

Source Code Management ISPW - Mange all the COBOL code including the Copybooks, CICS MAPs etc.

Tech Mahindra Technical Lead (Mainframe) Sep-2019 - Nov-2019

- Analyze maintenance requests, identify issues and gaps for root cause fixes covering COBOL programs.
- Receive enhancement requests, conduct requirement analysis, workflow assessment, gap analysis of current IT system and design possible solutions to resolve complex functional and technical issues.
- Support Application Modernization and Development covering SDLC process covering COBOL portfolio of applications.
- Handle Maintenance tasks covering high-level/detailed application designs, code changes, Unit testing, UAT and production deployment.
- Plan and conduct Application testing covering Sanity, Unit and System testing and support production implementations.
- Plan and support application product upgrades by performing extensive coordination and collaboration with all the cross-functional teams and stakeholders.
- Application Programing with z/OS
- Monitor jobs for storage issues and take corrective actions.
- Analyze completion codes for critical path jobs and take corrective actions.
- Build, develop and schedule batch streams.
- Build and deploy COBOL and CICS application programs.

Tools/ Technology used Mainframes (zOS, TSO, MVS, COBOL, PL/1, DB2, SQL, QMF, IMS DB, VSAM RLS and IDCAMS)

Wipro IT Systems Analyst / Mainframe Mar-2019 - Sep-2019

- Plan and conduct meetings with client stakeholders to understand the current application landscape and SDLC processes of COBOL portfolio.
- Identify essential application documents and study and come up with finding on improvement opportunities covering COBOL programs.
- Analyze maintenance and change requests identify issues and gaps for root cause fixes.
- Analyze application health reports produced by a third-party analysis tool and come up with recommendations for improvements.

Tools/ Technology used Mainframes (zOS, TSO, MVS, COBOL, PL/1, DB2, SQL, QMF, IMS DB, CA7, VSAM RLS and IDCAMS)

Illinois Department of Transportation Technical Manager-III Oct-2017 - Nov-2018

- Current Projects**
- a) Employee Portal (EP) – C#.Net
 - b) Construction and Materials Management System (CMMS) - VB.Net
 - c) Vendor Portal – VB.Net
 - d) Integrated Disadvantaged Business Enterprises (IDBE) – C#.Net
- Interface with IDOT business units in joint application design (JAD) sessions covering analysis, development, and implementation of technology solutions in a cost-effective manner.



- Analyze AS-IS business processes, working with the business stakeholders to improve processes, determine project requirements and manage and communicate requirements clearly to all stakeholders, process owners, and IT staff.
- Collaborate closely with cross-functional teams, Managers, Business teams, Vendors and serve as a subject matter expert and key point of contact for all project needs
- Manage change requests, functional specification documentation, and obtain signoffs from business users.
- Conduct requirement analysis, workflow assessment, gap analysis of current IT system and design possible solutions to resolve complex functional and technical issues.
- Liaison between technical developers and functional users to ensure requirements and functional designs are translated accurately into technical designs to meet business requirements by supporting the translation of end-user requirements and maintaining the traceability matrix.
- Conduct data inspections, investigation, and establish correlations to derive business goals. Discover data behaviors that will define the transformation requirements as needed.
- Establish data mapping requirements as part of change requests/enhancements, application deployments, or defect analysis.
- Perform feasibility study of proposed system changes and solutions as needed.
- Participate in Scrum Ceremonies, Sprint Retrospective, Sprint Demos, Daily Stand up meetings.
- Develop user stories, design wireframes covering user stories and documentation that support the solution specifications.
- Define test scenarios covering requirements and develop test scripts to prove each scenario for the unit, regression, and user acceptance testing.
- Perform unit, regression and system integration testing meeting the defined quality goals.
- Support in test data, environment set up, organize, and conduct UAT sessions.
- As part of post-implementation support Troubleshoot, analyze, detect, identify, and correct production issues.
- Coordinate work activities by scheduling staff assignments, setting work priorities, and directing the work of assigned employees.
- Ensure that all projects have a valid project plan covering scope, tasks, schedules, estimates, and status, and that information is accurately disseminated to IT management. Suggest corrective actions wherever improvement opportunities exist.
- Prepare end-to-end project plans covering dev/test/QA environments, design, development, testing, release deployment/rollback planning, etc.
- Provide day-to-day status reporting of projects, issues, and effective risk management.

Tools/ Technology used SharePoint, MS-TFS, Visual Studio, .Net ((SOAP/Restful Web Service)

Infosys	Technology Lead	May-2017 - Sep-2017
<ul style="list-style-type: none"> • The Project: Volume testing of Order Processing System - To plan and conduct volume testing of Hallmark’s Order Processing System for the projected sales growth of twice the current volume. • Consolidation of application-level inventory covering details of databases and files for volume test planning. • Requirements gathering from the client, preparing the understating document, presenting it to the business, and converting it into a test approach covering COBOL applications. • Tested data flow (messaging) through IBM MQ Series across different servers for interfacing applications using MQ input / output nodes. • Created and managed MQ objects, Queue Managers, Queues, Channels and Listeners. • Coordinate with the offshore team to get the coding done as per the approved specifications. • Take up complete end-to-end development covering SDLC phases, coding, testing, debugging, documenting, implementation, and post-delivery support for all the COBOL applications. • Volume Testing - Test planning (master data set up needs, data inflation plan, defining / identification of test scenarios, test cases, and test strategy), test execution, defect reporting, and closure. • Responsible for day-to-day status reporting of delivery, issue resolution, and effective risk management. 		



- Ensure that all that has been coded has supporting documentation as per the organization’s standards and client needs.
- Planning, scheduling, and implementing various activities related to the projects and deliveries.
- Coordination with client teams and offshore teams for both technical & non-technical discussions and provide support as needed. Help offshore in understanding the business and technical issues.
- Lead and participate in work estimation and release planning/scoping.
- Perform design and code reviews of the work done by the development team, determine any flaws, and recommend improvements in the technical designs as needed.
- Ensure timely deliveries of review defect raised in Quality Center
- Ensure that all the work meets the client quality requirements.
- Incident Management: Supported and managed incident bridge calls with DBAs, end-users (business), client technology group and systems management teams.
- Developed application interfaces, data mappings and resolved interface issues.
- Collaborate, interact with the systems team for resolution of SMF Dumps, storage tape issues, Spool issues, contention issues, batch jobs spool utilization.
- CICS transaction management - viz., enable and disable, purging and killing and performing new copy requests.
- Disaster recovery/backup
- Disaster Recovery – Supported in planning and executing the annual DR plans.
- Analyze status of Daily & Weekly Batch Cycles for completion as needed.
- Provide ongoing feedback for risk management, mitigation, and prevention.
- Conduct audits, assess backups, GAP analysis, and perform tests to make sure data can be retrieved.
- Establish and maintain detailed DR plans and control plans through a change management process.
- Assessing, developing, implementing, and sustaining Disaster Recovery and BIA plans and procedures.
- Develop and understand all testing necessary for a successful DR execution.
- Application Programing with z/OS
- Monitor jobs for storage issues and take corrective actions.
- Analyze completion codes for critical path jobs and take corrective actions.
- Build, develop and schedule batch streams.
- Build and deploy COBOL and CICS application programs.

Technical Environment Mainframe: zOS, TSO, MVS, COBOL, PL/1, JCL, DB2, SQL, VSAM RLS, CICS and MQs (for data sharing across servers)

Tools used: EXPEDITOR, Endeavor, QMF, File Aid, IDCAMS, Abend-Aid, BMC, SharePoint, Teradata and Datastage.

Infosys	Technology Lead	Aug-2016 – Mar-2017
<ul style="list-style-type: none"> • Established Project Execution Process comprising of distributed delivery model between onsite and offshore centers. • As a sole onshore point of contact managed all the requirements (user stories, using PivotalTracker), developed technical and functional specs involving offshore team of 15 resources. • Undertaken complete end-to-end development covering SDLC phases, coding, testing, debugging, documenting, implementation, and post-delivery support for COBOL portfolio of applications. • Resolved all the technical and functional issues coordinating with client and offshore teams. • Created Environment Strategy and Environment Plan to support the test and QA environment build-outs. • Resolving complex defects by coordinating with the other technology teams in conjunction with the QA testers. • Successfully coordinated building and supporting lower environments (QA, Staging and Production Verification) as defined by the Architecture and Design teams. • Planned and executed around 15 test cycles successfully during the user acceptance phase. • Worked closely with release management and resolved schedule conflicts. 		



- Incident Management: Supported and managed incident bridge calls with DBAs, end-users (business), client technology group and systems management teams.
- Developed application interfaces, data mappings and resolved interface issues.
- Disaster recovery/backup
- Disaster Recovery – Supported in planning and executing the annual DR plans.
- Analyze status of Daily & Weekly Batch Cycles for completion as needed.
- Provide ongoing feedback for risk management, mitigation, and prevention.
- Conduct audits, assess backups, GAP analysis, and perform tests to make sure data can be retrieved.
- Establish and maintain detailed DR plans and control plans through a change management process.
- Assessing, developing, implementing, and sustaining Disaster Recovery and BIA plans and procedures
- Develop and understand all testing necessary for a successful DR execution.
- Monitor jobs for storage issues and take corrective actions
- Analyze completion codes for critical path jobs and take corrective actions.
- Monitor all production jobs with focus on backup jobs.
- Monitor jobs for storage issues and take corrective actions.
- Analyze completion codes for critical path jobs and take corrective actions.
- Build, develop and schedule batch streams.
- Build and deploy COBOL and CICS application programs.

Technical Environment: Mainframe, zOS, MVS, JCL, DB2, QMF, SQL, VSAM, CICS, Changeman, EXPEDITOR, TSO, COBOL, MF-COBOL, PL/1, C++, Java, .Net

Delivery process: Waterfall and Agile(Scrum)

Tools - RAD, TOAD for DB access, QC/QTP, Visio, CA7 MS-Project, BI - ETL/Informatica & BOBJ, MSCRM, MQ, and FileNet

EDUCATION – CERTIFICATIONS - AWARDS:

- Bachelor of Commerce, Osmania University, Hyderabad, India, (1982 thru 1985)
- Diploma in Computer Programming and Applications, Awarded by NCC, UK
- Institute: Apptech Computer Education, India (1987 thru 1988)
- Certified SAFe Agile Practitioner, scaledagile.com
- Business Process Analysis, Bridging the Gap
- CMMI - A course on CMMI assessment Team, Global Systems Technology, Inc., U.S.A.
- MDP – Management Development Program (Outbound), Equinox - Oct 2002
- Excellence in project management – Program for Productivity Management Robert E. Wyatt, VP Project Management Services Group
- People Management, C-Cube, India
- CA-Telon Online Application Development by Computer Associates
- A course on CMMI assessment Team - Training by Global Systems Technology, Inc, U.S.A.
- Introduction to Capability Maturity Model Integration, Continuous Representation, V1.1 – March 2004
- Certificate of completion – a course on Capability Maturity Model (CMM) Assessment Team Training – by Global Systems Technologies Inc., USA
- MDP – Management Development Program (Outbound) – Conducted by Equinox - Oct 2002.
- Excellence in project management – Program for Productivity Management – by Robert E. Wyatt, VP Project Management Services Group.
- People Management – Conducted by C-Cube
- OOAD using UML – Rational Rose
- Certified Training on American Cultural Experiences



Safiuddin Iqbal Mohammed References

Project Name	Name	Contact	Email	Designation
Macy	Anand Devasenan	N/A	anand.devasenan@macys.com	Manager
Infosys	Satish Singh	913-278-2260 (M)	Satish_Singh02@infosys.com	Project Manager
Infosys	Ashish Kumar Jain	(414) 334-4248	akjain@rsinfocon.com	Project Manager
Wipro	Masood Khan	1 804-426-8991	masood.khan@medadv360.com	Project Manager



ADDENDUM

ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.: DMV240000003

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 checked="" type="checkbox"/> | Addendum No. 4 | <input type="checkbox"/> | Addendum No. 9 |
| <input checked="" 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

04/02/2024

Date

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

CRFQ DMV24*03 - EXHIBIT A - PRICING PAGE

TOTAL INSTALLATION & DELIVERY COST										
LOCATION - 5707 MacCorkle Avenue, S.E., Charleston, WV 25304										
Item Number	Quantity	Description	Unit Price Year 1	YEAR 1 TOTAL	Unit Price Year 2	OPTIONAL YEAR 2 TOTAL	Unit Price Year 3	OPTIONAL YEAR 3 TOTAL	Unit Price Year 4	OPTIONAL YEAR 4 TOTAL
1	20,000 (8x2500 hrs)	Application Programmer Analyst Contract Cost for 1 year based on hourly rate	84	1680000	88	1760000	92	1840000	96	1920000
Total	7200000									

This amount is for evaluation purposes only