



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 4

List View

General Information | [Contact](#) | [Default Values](#) | [Discount](#) | [Document Information](#) | [Clarification Request](#)

Procurement Folder: 1381091


Procurement Type: Central Master Agreement

Vendor ID: VS0000045332 

Legal Name: Sun Technologies, INC

Alias/DBA: Sun Technologies

Total Bid: \$1,700,000.00

Response Date: 04/02/2024 

Response Time: 13:23

Responded By User ID: SunTech09 

First Name: Beena

Last Name: George

Email: supplierdiversity@suntech

Phone: 7703619921

SO Doc Code: CRFQ

SO Dept: 0802

SO Doc ID: DMV2400000003

Published Date: 3/26/24

Close Date: 4/2/24

Close Time: 13:30

Status: Closed

Solicitation Description: Mainframe Application Programmer Technical Staffing Services

Total of Header Attachments: 4

Total of All Attachments: 4



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 ESR04022400000005724	1

VENDOR
VS0000045332 Sun Technologies, INC

Solicitation Number: CRFQ 0802 DMV2400000003

Total Bid: 1700000

Response Date: 2024-04-02

Response Time: 13:23:49

Comments:

FOR INFORMATION CONTACT THE BUYER

David H Pauline
304-558-0067
david.h.pauline@wv.gov

Vendor Signature X	FEIN#	DATE
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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	0.00000			1700000.00

Comm Code	Manufacturer	Specification	Model #
81111600			

Commodity Line Comments:

Extended Description:

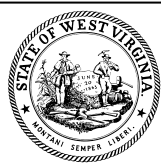
See Exhibit "A"

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.

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	85	1700000		0		0		0
Total										

This amount is for evaluation purposes only



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:

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

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code: VS0000045332
Vendor Name : Sun Technologies, Inc
Address : 3700 Mansell Road, Suite 220
Street :
City : Alpharetta,
State : Georgia **Country :** USA **Zip :** 30022
Principal Contact : Beena George
Vendor Contact Phone: 7703619921 **Extension:**

FOR INFORMATION CONTACT THE BUYER

David H Pauline
 304-558-0067
 david.h.pauline@wv.gov

Vendor Signature X *Beena George* **FEIN#** 58-222-4107 **DATE** 04-02-2024

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

ADDITIONAL INFORMATION

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

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

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

Comm Code	Manufacturer	Specification	Model #
81111600			

Extended Description:

See Exhibit "A"

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

SCHEDULE OF EVENTS

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

	Document Phase	Document Description	Page
DMV240000003	Draft	Mainframe Application Programmer Technical Staffing Services	3

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

INSTRUCTIONS TO VENDORS SUBMITTING BIDS

1. REVIEW DOCUMENTS THOROUGHLY: The attached documents contain a solicitation for bids. Please read these instructions and all documents attached in their entirety. These instructions provide critical information about requirements that if overlooked could lead to disqualification of a Vendor's bid. All bids must be submitted in accordance with the provisions contained in these instructions and the Solicitation. Failure to do so may result in disqualification of Vendor's bid.

2. MANDATORY TERMS: The Solicitation may contain mandatory provisions identified by the use of the words "must," "will," and "shall." Failure to comply with a mandatory term in the Solicitation will result in bid disqualification.

3. PREBID MEETING: The item identified below shall apply to this Solicitation.

A pre-bid meeting will not be held prior to bid opening

A **MANDATORY PRE-BID** meeting will be held at the following place and time:

All Vendors submitting a bid must attend the mandatory pre-bid meeting. Failure to attend the mandatory pre-bid meeting shall result in disqualification of the Vendor's bid. No one individual is permitted to represent more than one vendor at the pre-bid meeting. Any individual that does attempt to represent two or more vendors will be required to select one vendor to which the individual's attendance will be attributed. The vendors not selected will be deemed to have not attended the pre-bid meeting unless another individual attended on their behalf.

An attendance sheet provided at the pre-bid meeting shall serve as the official document verifying attendance. Any person attending the pre-bid meeting on behalf of a Vendor must list on the attendance sheet his or her name and the name of the Vendor he or she is representing.

Additionally, the person attending the pre-bid meeting should include the Vendor's E-Mail address, phone number, and Fax number on the attendance sheet. It is the Vendor's responsibility to locate the attendance sheet and provide the required information. Failure to complete the attendance sheet as required may result in disqualification of Vendor's bid.

All Vendors should arrive prior to the starting time for the pre-bid. Vendors who arrive after the starting time but prior to the end of the pre-bid will be permitted to sign in but are charged with knowing all matters discussed at the pre-bid.

Questions submitted at least five business days prior to a scheduled pre-bid will be discussed at the pre-bid meeting if possible. Any discussions or answers to questions at the pre-bid meeting are preliminary in nature and are non-binding. Official and binding answers to questions will be published in a written addendum to the Solicitation prior to bid opening.

4. VENDOR QUESTION DEADLINE: Vendors may submit questions relating to this Solicitation to the Purchasing Division. Questions must be submitted in writing. All questions must be submitted on or before the date listed below and to the address listed below to be considered. A written response will be published in a Solicitation addendum if a response is possible and appropriate. Non-written discussions, conversations, or questions and answers regarding this Solicitation are preliminary in nature and are nonbinding.

Submitted emails should have the solicitation number in the subject line.

Question Submission Deadline:

Submit Questions to:
2019 Washington Street, East
Charleston, WV 25305
Fax: (304) 558-3970
Email:

5. VERBAL COMMUNICATION: Any verbal communication between the Vendor and any State personnel is not binding, including verbal communication at the mandatory pre-bid conference. Only information issued in writing and added to the Solicitation by an official written addendum by the Purchasing Division is binding.

6. BID SUBMISSION: All bids must be submitted on or before the date and time of the bid opening listed in section 7 below. Vendors can submit bids electronically through *wvOASIS*, in paper form delivered to the Purchasing Division at the address listed below either in person or by courier, or in facsimile form by faxing to the Purchasing Division at the number listed below. Notwithstanding the foregoing, the Purchasing Division may prohibit the submission of bids electronically through *wvOASIS* at its sole discretion. Such a prohibition will be contained and communicated in the *wvOASIS* system resulting in the Vendor's inability to submit bids through *wvOASIS*. The Purchasing Division will not accept bids, modification of bids, or addendum acknowledgment forms via email. Bids submitted in paper or facsimile form must contain a signature. Bids submitted in *wvOASIS* are deemed to be electronically signed.

Any bid received by the Purchasing Division staff is considered to be in the possession of the Purchasing Division and will not be returned for any reason.

For Request for Proposal ("RFP") Responses Only: Submission of a response to a Request for Proposal is not permitted in *wvOASIS*. In the event that Vendor is responding to a request for proposal, the Vendor shall submit one original technical and one original cost proposal prior to the bid opening date and time identified in Section 7 below, plus _____ convenience copies of each to the Purchasing Division at the address shown below. Additionally, the Vendor should clearly identify and segregate the cost proposal from the technical proposal in a separately sealed envelope.

Bid Delivery Address and Fax Number:

Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130
Fax: 304-558-3970

A bid submitted in paper or facsimile form should contain the information listed below on the face of the submission envelope or fax cover sheet. Otherwise, the bid may be rejected by the Purchasing Division.

VENDOR NAME:

BUYER:

SOLICITATION NO.:

BID OPENING DATE:

BID OPENING TIME:

FAX NUMBER:

7. BID OPENING: Bids submitted in response to this Solicitation will be opened at the location identified below on the date and time listed below. Delivery of a bid after the bid opening date and time will result in bid disqualification. For purposes of this Solicitation, a bid is considered delivered when confirmation of delivery is provided by wvOASIS (in the case of electronic submission) or when the bid is time stamped by the official Purchasing Division time clock (in the case of hand delivery).

Bid Opening Date and Time:

Bid Opening Location: Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

8. ADDENDUM ACKNOWLEDGEMENT: Changes or revisions to this Solicitation will be made by an official written addendum issued by the Purchasing Division. Vendor should acknowledge receipt of all addenda issued with this Solicitation by completing an Addendum Acknowledgment Form, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

9. BID FORMATTING: Vendor should type or electronically enter the information onto its bid to prevent errors in the evaluation. Failure to type or electronically enter the information may result in bid disqualification.

10. ALTERNATE MODEL OR BRAND: Unless the box below is checked, any model, brand, or specification listed in this Solicitation establishes the acceptable level of quality only and is not intended to reflect a preference for, or in any way favor, a particular brand or vendor. Vendors may bid alternates to a listed model or brand provided that the alternate is at least equal to the model or brand and complies with the required specifications. The equality of any alternate being bid shall be determined by the State at its sole discretion. Any Vendor bidding an alternate model or brand should clearly identify the alternate items in its bid and should include manufacturer's specifications, industry literature, and/or any other relevant documentation demonstrating the equality of the alternate items. Failure to provide information for alternate items may be grounds for rejection of a Vendor's bid.

This Solicitation is based upon a standardized commodity established under W. Va. Code § 5A-3-61. Vendors are expected to bid the standardized commodity identified. Failure to bid the standardized commodity will result in your firm's bid being rejected.

11. EXCEPTIONS AND CLARIFICATIONS: The Solicitation contains the specifications that shall form the basis of a contractual agreement. Vendor shall clearly mark any exceptions, clarifications, or other proposed modifications in its bid. Exceptions to, clarifications of, or modifications of a requirement or term and condition of the Solicitation may result in bid disqualification.

12. COMMUNICATION LIMITATIONS: In accordance with West Virginia Code of State Rules §148-1-6.6, communication with the State of West Virginia or any of its employees regarding this Solicitation during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited without prior Purchasing Division approval. Purchasing Division approval for such communication is implied for all agency delegated and exempt purchases.

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

14. UNIT PRICE: Unit prices shall prevail in cases of a discrepancy in the Vendor's bid.

15. PREFERENCE: Vendor Preference may be requested in purchases of motor vehicles or construction and maintenance equipment and machinery used in highway and other infrastructure projects. Any request for preference must be submitted in writing with the bid, must specifically identify the preference requested with reference to the applicable subsection of West Virginia Code § 5A-3-37, and must include with the bid any information necessary to evaluate and confirm the applicability of the requested preference. A request form to help facilitate the request can be found at: www.state.wv.us/admin/purchase/vrc/Venpref.pdf.

15A. RECIPROCAL PREFERENCE: The State of West Virginia applies a reciprocal preference to all solicitations for commodities and printing in accordance with W. Va. Code § 5A-3-37(b). In effect, non-resident vendors receiving a preference in their home states, will see that same preference granted to West Virginia resident vendors bidding against them in West Virginia. Any request for reciprocal preference must include with the bid any information necessary to evaluate and confirm the applicability of the preference. A request form to help facilitate the request can be found at: www.state.wv.us/admin/purchase/vrc/Venpref.pdf.

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

17. WAIVER OF MINOR IRREGULARITIES: The Director reserves the right to waive minor irregularities in bids or specifications in accordance with West Virginia Code of State Rules § 148-1-4.6.

18. ELECTRONIC FILE ACCESS RESTRICTIONS: Vendor must ensure that its submission in wvOASIS can be accessed and viewed by the Purchasing Division staff immediately upon bid opening. The Purchasing Division will consider any file that cannot be immediately accessed and viewed at the time of the bid opening (such as, encrypted files, password protected files, or incompatible files) to be blank or incomplete as context requires and are therefore unacceptable. A vendor will not be permitted to unencrypt files, remove password protections, or resubmit documents after bid opening to make a file viewable if those documents are required with the bid. A Vendor may be required to provide document passwords or remove access restrictions to allow the Purchasing Division to print or electronically save documents provided that those documents are viewable by the Purchasing Division prior to obtaining the password or removing the access restriction.

19. NON-RESPONSIBLE: The Purchasing Division Director reserves the right to reject the bid of any vendor as Non-Responsible in accordance with W. Va. Code of State Rules § 148-1-5.3, when the Director determines that the vendor submitting the bid does not have the capability to fully perform or lacks the integrity and reliability to assure good-faith performance.”

20. ACCEPTANCE/REJECTION: The State may accept or reject any bid in whole, or in part in accordance with W. Va. Code of State Rules § 148-1-4.5. and § 148-1-6.4.b.”

21. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

22. WITH THE BID REQUIREMENTS: In instances where these specifications require documentation or other information with the bid, and a vendor fails to provide it with the bid, the Director of the Purchasing Division reserves the right to request those items after bid opening and prior to contract award pursuant to the authority to waive minor irregularities in bids or specifications under W. Va. CSR § 148-1-4.6. This authority does not apply to instances where state law mandates receipt with the bid.

23. EMAIL NOTIFICATION OF AWARD: The Purchasing Division will attempt to provide bidders with e-mail notification of contract award when a solicitation that the bidder participated in has been awarded. For notification purposes, bidders must provide the Purchasing Division with a valid email address in the bid response. Bidders may also monitor *wvOASIS* or the Purchasing Division's website to determine when a contract has been awarded.

24. ISRAEL BOYCOTT CERTIFICATION: Vendor's act of submitting a bid in response to this solicitation shall be deemed a certification from bidder to the State that bidder is not currently engaged in, and will not for the duration of the contract, engage in a boycott of Israel. This certification is required by W. Va. Code § 5A-3-63.

GENERAL TERMS AND CONDITIONS:

1. CONTRACTUAL AGREEMENT: Issuance of an Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance by the State of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid, or on the Contract if the Contract is not the result of a bid solicitation, signifies Vendor's agreement to be bound by and accept the terms and conditions contained in this Contract.

2. DEFINITIONS: As used in this Solicitation/Contract, the following terms shall have the meanings attributed to them below. Additional definitions may be found in the specifications included with this Solicitation/Contract.

2.1. "Agency" or "Agencies" means the agency, board, commission, or other entity of the State of West Virginia that is identified on the first page of the Solicitation or any other public entity seeking to procure goods or services under this Contract.

2.2. "Bid" or "Proposal" means the vendors submitted response to this solicitation.

2.3. "Contract" means the binding agreement that is entered into between the State and the Vendor to provide the goods or services requested in the Solicitation.

2.4. "Director" means the Director of the West Virginia Department of Administration, Purchasing Division.

2.5. "Purchasing Division" means the West Virginia Department of Administration, Purchasing Division.

2.6. "Award Document" means the document signed by the Agency and the Purchasing Division, and approved as to form by the Attorney General, that identifies the Vendor as the contract holder.

2.7. "Solicitation" means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.

2.8. "State" means the State of West Virginia and/or any of its agencies, commissions, boards, etc. as context requires.

2.9. "Vendor" or "Vendors" means any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the Contract as context requires.

3. CONTRACT TERM; RENEWAL; EXTENSION: The term of this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below:

Term Contract

Initial Contract Term: The Initial Contract Term will be for a period of _____
_____. The Initial Contract Term becomes effective on the effective start date listed on the first page of this Contract, identified as the State of West Virginia contract cover page containing the signatures of the Purchasing Division, Attorney General, and Encumbrance clerk (or another page identified as _____), and the Initial Contract Term ends on the effective end date also shown on the first page of this Contract.

Renewal Term: This Contract may be renewed upon the mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any request for renewal should be delivered to the Agency and then submitted to the Purchasing Division thirty (30) days prior to the expiration date of the initial contract term or appropriate renewal term. A Contract renewal shall be in accordance with the terms and conditions of the original contract. Unless otherwise specified below, renewal of this Contract is limited to _____ successive one (1) year periods or multiple renewal periods of less than one year, provided that the multiple renewal periods do not exceed the total number of months available in all renewal years combined. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

Alternate Renewal Term – This contract may be renewed for _____ successive _____ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

Delivery Order Limitations: In the event that this contract permits delivery orders, a delivery order may only be issued during the time this Contract is in effect. Any delivery order issued within one year of the expiration of this Contract shall be effective for one year from the date the delivery order is issued. No delivery order may be extended beyond one year after this Contract has expired.

Fixed Period Contract: This Contract becomes effective upon Vendor's receipt of the notice to proceed and must be completed within _____ days.

Fixed Period Contract with Renewals: This Contract becomes effective upon Vendor's receipt of the notice to proceed and part of the Contract more fully described in the attached specifications must be completed within _____ days. Upon completion of the work covered by the preceding sentence, the vendor agrees that:

the contract will continue for _____ years;

the contract may be renewed for _____ successive _____ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's Office (Attorney General approval is as to form only).

One-Time Purchase: The term of this Contract shall run from the issuance of the Award Document until all of the goods contracted for have been delivered, but in no event will this Contract extend for more than one fiscal year.

Construction/Project Oversight: This Contract becomes effective on the effective start date listed on the first page of this Contract, identified as the State of West Virginia contract cover page containing the signatures of the Purchasing Division, Attorney General, and Encumbrance clerk (or another page identified as _____), and continues until the project for which the vendor is providing oversight is complete.

Other: Contract Term specified in _____

4. AUTHORITY TO PROCEED: Vendor is authorized to begin performance of this contract on the date of encumbrance listed on the front page of the Award Document unless either the box for "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked in Section 3 above. If either "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked, Vendor must not begin work until it receives a separate notice to proceed from the State. The notice to proceed will then be incorporated into the Contract via change order to memorialize the official date that work commenced.

5. QUANTITIES: The quantities required under this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below.

Open End Contract: Quantities listed in this Solicitation/Award Document are approximations only, based on estimates supplied by the Agency. It is understood and agreed that the Contract shall cover the quantities actually ordered for delivery during the term of the Contract, whether more or less than the quantities shown.

Service: The scope of the service to be provided will be more clearly defined in the specifications included herewith.

Combined Service and Goods: The scope of the service and deliverable goods to be provided will be more clearly defined in the specifications included herewith.

One-Time Purchase: This Contract is for the purchase of a set quantity of goods that are identified in the specifications included herewith. Once those items have been delivered, no additional goods may be procured under this Contract without an appropriate change order approved by the Vendor, Agency, Purchasing Division, and Attorney General's office.

Construction: This Contract is for construction activity more fully defined in the specifications.

6. EMERGENCY PURCHASES: The Purchasing Division Director may authorize the Agency to purchase goods or services in the open market that Vendor would otherwise provide under this Contract if those goods or services are for immediate or expedited delivery in an emergency. Emergencies shall include, but are not limited to, delays in transportation or an unanticipated increase in the volume of work. An emergency purchase in the open market, approved by the Purchasing Division Director, shall not constitute a breach of this Contract and shall not entitle the Vendor to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One-Time Purchase contract.

7. REQUIRED DOCUMENTS: All of the items checked in this section must be provided to the Purchasing Division by the Vendor as specified:

LICENSE(S) / CERTIFICATIONS / PERMITS: In addition to anything required under the Section of the General Terms and Conditions entitled Licensing, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits upon request and in a form acceptable to the State. The request may be prior to or after contract award at the State's sole discretion.

The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications regardless of whether or not that requirement is listed above.

8. INSURANCE: The apparent successful Vendor shall furnish proof of the insurance identified by a checkmark below prior to Contract award. The insurance coverages identified below must be maintained throughout the life of this contract. Thirty (30) days prior to the expiration of the insurance policies, Vendor shall provide the Agency with proof that the insurance mandated herein has been continued. Vendor must also provide Agency with immediate notice of any changes in its insurance policies, including but not limited to, policy cancelation, policy reduction, or change in insurers. The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether that insurance requirement is listed in this section.

Vendor must maintain:

Commercial General Liability Insurance in at least an amount of: _____ per occurrence.

Automobile Liability Insurance in at least an amount of: _____ per occurrence.

Professional/Malpractice/Errors and Omission Insurance in at least an amount of: _____ per occurrence. Notwithstanding the forgoing, Vendor's are not required to list the State as an additional insured for this type of policy.

Commercial Crime and Third Party Fidelity Insurance in an amount of: _____ per occurrence.

Cyber Liability Insurance in an amount of: _____ per occurrence.

Builders Risk Insurance in an amount equal to 100% of the amount of the Contract.

Pollution Insurance in an amount of: _____ per occurrence.

Aircraft Liability in an amount of: _____ per occurrence.

9. WORKERS' COMPENSATION INSURANCE: Vendor shall comply with laws relating to workers compensation, shall maintain workers' compensation insurance when required, and shall furnish proof of workers' compensation insurance upon request.

10. VENUE: All legal actions for damages brought by Vendor against the State shall be brought in the West Virginia Claims Commission. Other causes of action must be brought in the West Virginia court authorized by statute to exercise jurisdiction over it.

11. LIQUIDATED DAMAGES: This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue any other available remedy. Vendor shall pay liquidated damages in the amount specified below or as described in the specifications:

_____ for _____.

Liquidated Damages Contained in the Specifications.

Liquidated Damages Are Not Included in this Contract.

12. ACCEPTANCE: Vendor's signature on its bid, or on the certification and signature page, constitutes an offer to the State that cannot be unilaterally withdrawn, signifies that the product or service proposed by vendor meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise indicated, and signifies acceptance of the terms and conditions contained in the Solicitation unless otherwise indicated.

13. PRICING: The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the State. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the State in the Solicitation to do so, may result in bid disqualification. Notwithstanding the foregoing, Vendor must extend any publicly advertised sale price to the State and invoice at the lower of the contract price or the publicly advertised sale price.

14. PAYMENT IN ARREARS: Payments for goods/services will be made in arrears only upon receipt of a proper invoice, detailing the goods/services provided or receipt of the goods/services, whichever is later. Notwithstanding the foregoing, payments for software maintenance, licenses, or subscriptions may be paid annually in advance.

15. PAYMENT METHODS: Vendor must accept payment by electronic funds transfer and P-Card. (The State of West Virginia's Purchasing Card program, administered under contract by a banking institution, processes payment for goods and services through state designated credit cards.)

16. TAXES: The Vendor shall pay any applicable sales, use, personal property or any other taxes arising out of this Contract and the transactions contemplated thereby. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.

17. ADDITIONAL FEES: Vendor is not permitted to charge additional fees or assess additional charges that were not either expressly provided for in the solicitation published by the State of West Virginia, included in the Contract, or included in the unit price or lump sum bid amount that Vendor is required by the solicitation to provide. Including such fees or charges as notes to the solicitation may result in rejection of vendor's bid. Requesting such fees or charges be paid after the contract has been awarded may result in cancellation of the contract.

18. FUNDING: This Contract shall continue for the term stated herein, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise made available, this Contract becomes void and of no effect beginning on July 1 of the fiscal year for which funding has not been appropriated or otherwise made available. If that occurs, the State may notify the Vendor that an alternative source of funding has been obtained and thereby avoid the automatic termination. Non-appropriation or non-funding shall not be considered an event of default.

19. CANCELLATION: The Purchasing Division Director reserves the right to cancel this Contract immediately upon written notice to the vendor if the materials or workmanship supplied do not conform to the specifications contained in the Contract. The Purchasing Division Director may also cancel any purchase or Contract upon 30 days written notice to the Vendor in accordance with West Virginia Code of State Rules § 148-1-5.2.b.

20. TIME: Time is of the essence regarding all matters of time and performance in this Contract.

21. APPLICABLE LAW: This Contract is governed by and interpreted under West Virginia law without giving effect to its choice of law principles. Any information provided in specification manuals, or any other source, verbal or written, which contradicts or violates the West Virginia Constitution, West Virginia Code, or West Virginia Code of State Rules is void and of no effect.

22. COMPLIANCE WITH LAWS: Vendor shall comply with all applicable federal, state, and local laws, regulations and ordinances. By submitting a bid, Vendor acknowledges that it has reviewed, understands, and will comply with all applicable laws, regulations, and ordinances.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to comply with all applicable laws, regulations, and ordinances. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

23. ARBITRATION: Any references made to arbitration contained in this Contract, Vendor's bid, or in any American Institute of Architects documents pertaining to this Contract are hereby deleted, void, and of no effect.

24. MODIFICATIONS: This writing is the parties' final expression of intent. Notwithstanding anything contained in this Contract to the contrary no modification of this Contract shall be binding without mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any change to existing contracts that adds work or changes contract cost, and were not included in the original contract, must be approved by the Purchasing Division and the Attorney General's Office (as to form) prior to the implementation of the change or commencement of work affected by the change.

25. WAIVER: The failure of either party to insist upon a strict performance of any of the terms or provision of this Contract, or to exercise any option, right, or remedy herein contained, shall not be construed as a waiver or a relinquishment for the future of such term, provision, option, right, or remedy, but the same shall continue in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.

26. SUBSEQUENT FORMS: The terms and conditions contained in this Contract shall supersede any and all subsequent terms and conditions which may appear on any form documents submitted by Vendor to the Agency or Purchasing Division such as price lists, order forms, invoices, sales agreements, or maintenance agreements, and includes internet websites or other electronic documents. Acceptance or use of Vendor's forms does not constitute acceptance of the terms and conditions contained thereon.

27. ASSIGNMENT: Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency, the Purchasing Division, the Attorney General's office (as to form only), and any other government agency or office that may be required to approve such assignments.

28. WARRANTY: The Vendor expressly warrants that the goods and/or services covered by this Contract will: (a) conform to the specifications, drawings, samples, or other description furnished or specified by the Agency; (b) be merchantable and fit for the purpose intended; and (c) be free from defect in material and workmanship.

29. STATE EMPLOYEES: State employees are not permitted to utilize this Contract for personal use and the Vendor is prohibited from permitting or facilitating the same.

30. PRIVACY, SECURITY, AND CONFIDENTIALITY: The Vendor agrees that it will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the Agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the Agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in www.state.wv.us/admin/purchase/privacy.

31. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

32. LICENSING: In accordance with West Virginia Code of State Rules § 148-1-6.1.e, Vendor must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agency or political subdivision. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Upon request, the Vendor must provide all necessary releases to obtain information to enable the Purchasing Division Director or the Agency to verify that the Vendor is licensed and in good standing with the above entities.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to be licensed, in good standing, and up-to-date on all state and local obligations as described in this section. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

33. ANTITRUST: In submitting a bid to, signing a contract with, or accepting a Award Document from any agency of the State of West Virginia, the Vendor agrees to convey, sell, assign, or transfer to the State of West Virginia all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to Vendor.

34. VENDOR NON-CONFLICT: Neither Vendor nor its representatives are permitted to have any interest, nor shall they acquire any interest, direct or indirect, which would compromise the performance of its services hereunder. Any such interests shall be promptly presented in detail to the Agency.

35. VENDOR RELATIONSHIP: The relationship of the Vendor to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by this Contract. The Vendor as an independent contractor is solely liable for the acts and omissions of its employees and agents. Vendor shall be responsible for selecting, supervising, and compensating any and all individuals employed pursuant to the terms of this Solicitation and resulting contract. Neither the Vendor, nor any employees or subcontractors of the Vendor, shall be deemed to be employees of the State for any purpose whatsoever. Vendor shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension, or other deferred compensation plans, including but not limited to, Workers' Compensation and Social Security obligations, licensing fees, etc. and the filing of all necessary documents, forms, and returns pertinent to all of the foregoing.

Vendor shall hold harmless the State, and shall provide the State and Agency with a defense against any and all claims including, but not limited to, the foregoing payments, withholdings, contributions, taxes, Social Security taxes, and employer income tax returns.

36. INDEMNIFICATION: The Vendor agrees to indemnify, defend, and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any claims or losses for services rendered by any subcontractor, person, or firm performing or supplying services, materials, or supplies in connection with the performance of the Contract; (2) Any claims or losses resulting to any person or entity injured or damaged by the Vendor, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use, or disposition of any data used under the Contract in a manner not authorized by the Contract, or by Federal or State statutes or regulations; and (3) Any failure of the Vendor, its officers, employees, or subcontractors to observe State and Federal laws including, but not limited to, labor and wage and hour laws.

37. NO DEBT CERTIFICATION: In accordance with West Virginia Code §§ 5A-3-10a and 5-22-1(i), the State is prohibited from awarding a contract to any bidder that owes a debt to the State or a political subdivision of the State. By submitting a bid, or entering into a contract with the State, Vendor is affirming that (1) for construction contracts, the Vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, neither the Vendor nor any related party owe a debt as defined above, and neither the Vendor nor any related party are in employer default as defined in the statute cited above unless the debt or employer default is permitted under the statute.

38. CONFLICT OF INTEREST: Vendor, its officers or members or employees, shall not presently have or acquire an interest, direct or indirect, which would conflict with or compromise the performance of its obligations hereunder. Vendor shall periodically inquire of its officers, members and employees to ensure that a conflict of interest does not arise. Any conflict of interest discovered shall be promptly presented in detail to the Agency.

39. REPORTS: Vendor shall provide the Agency and/or the Purchasing Division with the following reports identified by a checked box below:

Such reports as the Agency and/or the Purchasing Division may request. Requested reports may include, but are not limited to, quantities purchased, agencies utilizing the contract, total contract expenditures by agency, etc.

Quarterly reports detailing the total quantity of purchases in units and dollars, along with a listing of purchases by agency. Quarterly reports should be delivered to the Purchasing Division via email at purchasing.division@wv.gov.

40. BACKGROUND CHECK: In accordance with W. Va. Code § 15-2D-3, the State reserves the right to prohibit a service provider's employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check. Service providers should contact the West Virginia Division of Protective Services by phone at (304) 558-9911 for more information.

41. PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS: Except when authorized by the Director of the Purchasing Division pursuant to W. Va. Code § 5A-3-56, no contractor may use or supply steel products for a State Contract Project other than those steel products made in the United States. A contractor who uses steel products in violation of this section may be subject to civil penalties pursuant to W. Va. Code § 5A-3-56. As used in this section:

- a. "State Contract Project" means any erection or construction of, or any addition to, alteration of or other improvement to any building or structure, including, but not limited to, roads or highways, or the installation of any heating or cooling or ventilating plants or other equipment, or the supply of and materials for such projects, pursuant to a contract with the State of West Virginia for which bids were solicited on or after June 6, 2001.
- b. "Steel Products" means products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two or more or such operations, from steel made by the open heath, basic oxygen, electric furnace, Bessemer or other steel making process.
- c. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:
 1. The cost for each contract item used does not exceed one tenth of one percent (.1%) of the total contract cost or two thousand five hundred dollars (\$2,500.00), whichever is greater. For the purposes of this section, the cost is the value of the steel product as delivered to the project; or
 2. The Director of the Purchasing Division determines that specified steel materials are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet contract requirements.

42. PREFERENCE FOR USE OF DOMESTIC ALUMINUM, GLASS, AND STEEL: In Accordance with W. Va. Code § 5-19-1 et seq., and W. Va. CSR § 148-10-1 et seq., for every contract or subcontract, subject to the limitations contained herein, for the construction, reconstruction, alteration, repair, improvement or maintenance of public works or for the purchase of any item of machinery or equipment to be used at sites of public works, only domestic aluminum, glass or steel products shall be supplied unless the spending officer determines, in writing, after the receipt of offers or bids, (1) that the cost of domestic aluminum, glass or steel products is unreasonable or inconsistent with the public interest of the State of West Virginia, (2) that domestic aluminum, glass or steel products are not produced in sufficient quantities to meet the contract requirements, or (3) the available domestic aluminum, glass, or steel do not meet the contract specifications. This provision only applies to public works contracts awarded in an amount more than fifty thousand dollars (\$50,000) or public works contracts that require more than ten thousand pounds of steel products.

The cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than twenty percent (20%) of the bid or offered price for foreign made aluminum, glass, or steel products. If the domestic aluminum, glass or steel products to be supplied or produced in a “substantial labor surplus area”, as defined by the United States Department of Labor, the cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than thirty percent (30%) of the bid or offered price for foreign made aluminum, glass, or steel products. This preference shall be applied to an item of machinery or equipment, as indicated above, when the item is a single unit of equipment or machinery manufactured primarily of aluminum, glass or steel, is part of a public works contract and has the sole purpose or of being a permanent part of a single public works project. This provision does not apply to equipment or machinery purchased by a spending unit for use by that spending unit and not as part of a single public works project.

All bids and offers including domestic aluminum, glass or steel products that exceed bid or offer prices including foreign aluminum, glass or steel products after application of the preferences provided in this provision may be reduced to a price equal to or lower than the lowest bid or offer price for foreign aluminum, glass or steel products plus the applicable preference. If the reduced bid or offer prices are made in writing and supersede the prior bid or offer prices, all bids or offers, including the reduced bid or offer prices, will be reevaluated in accordance with this rule.

43. INTERESTED PARTY SUPPLEMENTAL DISCLOSURE: W. Va. Code § 6D-1-2 requires that for contracts with an actual or estimated value of at least \$1 million, the Vendor must submit to the Agency a disclosure of interested parties prior to beginning work under this Contract. Additionally, the Vendor must submit a supplemental disclosure of interested parties reflecting any new or differing interested parties to the contract, which were not included in the original pre-work interested party disclosure, within 30 days following the completion or termination of the contract. A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. This requirement does not apply to publicly traded companies listed on a national or international stock exchange. A more detailed definition of interested parties can be obtained from the form referenced above.

44. PROHIBITION AGAINST USED OR REFURBISHED: Unless expressly permitted in the solicitation published by the State, Vendor must provide new, unused commodities, and is prohibited from supplying used or refurbished commodities, in fulfilling its responsibilities under this Contract.

45. VOID CONTRACT CLAUSES: This Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

46. ISRAEL BOYCOTT: Bidder understands and agrees that, pursuant to W. Va. Code § 5A-3-63, it is prohibited from engaging in a boycott of Israel during the term of this contract.

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) _____

(Address) _____

(Phone Number) / (Fax Number) _____

(email address) _____

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.

(Company) *BernaGeorge*

(Signature of Authorized Representative)

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

(Phone Number) (Fax Number)

(Email Address)

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 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.

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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 (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.

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- 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.

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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

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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.

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- 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

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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-Contracto-Self-Employeed-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.

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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.

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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.

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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: _____

Telephone Number: _____

Fax Number: _____

Email Address: _____

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	85	0 1700000		0		0		0
Tot										

This amount is for evaluation purposes only

Summary:

- Responsible, analytical, and technically oriented systems professional (Fluent in English and Spanish) with heavy expertise hands on using Mainframe/JCL-Informatica/Oracle/DB2 in both UNIX and z/OS MVS MAINFRAME with SAS, COBOL / SYNCSORT / IBM UTILITIES environments and EDI Protocols, File Transfer Protocols.
- Over 10 years of PC SAS BASE experience and SAS Enterprise Miner Guide including SAS Data Studio. 8+ years of current experience within the Financial Services/Banking industry.
- Maintenance and enhancement projects for in depth knowledge/SME with COBOL include MVS MAINFRAME/ Z/OS JCL, VSAM, PROC, PARM, PARMNDM, ENDEAVOR, CA7,
- Extensive experience in data architecture, migration management, data structures, and platforms Mobility applications/systems SME, data integrity, data security with CITIGROUP.
- Particularly skilled in structured flowcharting and programming. Creative problem solver and trouble shooter, resourceful and consistent accustomed to a fast-paced environment and multiple projects, able to work under pressure and meet deadlines.
- Diplomatic negotiator and dealing effectively with all levels of management and staff.

Professional Experience:

TD Bank, N.A/FIS-Remote, Ohio

07/2022 – 12/2022

Sr. Mainframe Developer

- Work Remote as a Sr. Associates in TD Software Mainframe Developer – Team to assist TD employees.
- Primary skills in COBOL, DB2, JCL, EZTRIVE, SAS, VSAM, PROC, PARM, PARMNDM, ENDEAVOR, CA7, TSO and SYNCSORT Environment.
- Design, Code, test and maintain applications and assist Quality Assurance teams in testing applications.
- Participate in On-call rotation to resolve applications failures. Assist in research to resolve issues (on-call issues, performance issues, etc.) and coordinate with respective support teams to resolve software and hardware issues.
- Approve technical specification documents for new and modified code. Utilize source control software to maintain integrity of production software, including prior versions of code.
- Follow defined Software Development Life Cycle (SDLC) and Change Control processes.
- TMS (Tape Management System which is used for all backup & recovery. IBM RMM is used for conversion to the latter. Constantly get the job done and hands on experience.

KEY Bank, N.A/Genesis 10-Brooklyn, Ohio

11/2021 - 03/25/2022

Sr. Mainframe Developer

- Global Trust Platform Delivery Phase for Software Mainframe Developer – Team to assist KEY employees. Primary skills are COBOL (Mainframe) and helping in the mainframe COBOL programming world for a long time (overall skills constantly get the job done and hands on experience).
- Also, provide production support and on-going maintenance and enhancement projects for in depth knowledge/SME with COBOL include MVS MAINFRAME/ Z/OS JCL, VSAM, PROC, PARM, PARMNDM, ENDEAVOR, CA7, TSO and SYNCSORT Environment.

JPMorgan Chase/ACS Groups-Columbus, OH

08/2021 09/2021

Sr. Mainframe Developer

- Designs, Develops and Tests Mainframe (COBOL, CICS, DB2) Code in the support and implementation of US
- Mainframe Developer – Liquidity systems and projects joined the team and shared information with member of the OFFSHORE team to assist JPMC employees.

- Primary skills are COBOL (Mainframe) and Informatica - Hadoop is Responsible for ensuring code has a high degree of quality and implements with zero defects.
- Also, Will act as support backup for handling production calls related to applications in depth knowledge/SME with COBOL include MVS MAINFRAME/ Z/OS JCL, VSAM, PROC, PARM, PARMNDM, ENDEAVOR, CA7, TSO and SYNCSORT Environment.

PNC BANK, N.A/INDOTRONIX-Strongsville, OH

07/2020 – 02/2021

Sr. Mainframe Developer

- Work Remote as a PNC backup performance Software Development Engineer designs
- Mainframe Developer – ETL Informatica or Hadoop just a plus.
- I am a senior experienced individual joined their team and shared information with member of the OFFSHORE team to assist PNC employees.
- Primary skills are COBOL (Mainframe) and Informatica - Hadoop is a HUGE I am helping in extensive experience in mainframe world and has been in the COBOL programming world for a long time (over all skills and hands on experience).
- Also, provide production support and on-going maintenance and enhancement projects for in depth knowledge/SME with Cobol include MVS MAINFRAME/ Z/OS JCL, VSAM, PROC, PARM, PARMNDM, ENDEAVOR, CA7, TSO and SYNCSORT Environment.

COGNIZANT / KEYBANK- Brooklyn, OH

07/2018 – 03/2019

Sr. Associate

- Work ONSHORE as a KEYBANK backup performance and shared information with member of the OFFSHORE team to assist KEYBANK employees of Lending, Digital and other areas. Assisting the ADVANCE LENDING SYSTEM (ALS), SLS and others.
- Also, provide production support and on-going maintenance and enhancement projects for existing systems.
- Using MVS MAINFRAME/ Z/OS processed and monitored jobs running in the system on TSO / SAS / COBOL / JCL / VSAM / IBM UTILITIES and SYNCSORT Environment.

NLB / COGNIZANT-Moline, IL

08/2017 – 12/2017

IT Analyst

- Monitoring and fixing SAS Jobs and JCL with invalid data coming into the Programs. They have been running for some time.
- Resolved issues with Jobs and programs with false alert warnings because volumes no longer in Production files. Also modify SAS programs to change reports heading. Created and automate a process in SAS to capture UNIX data from all Data Center & send email to owners of FTP jobs running on the systems. Requested by the users.
- This implementation of the FTP jobs is in Production and scheduled to be run on the first quarter of January 2018. Monitor all Data centres for unsuccessfully jobs running on all data centre and notify Mainframe Storage team to clean up the Mainframe/ Z/OS environment.
- Got familiar with environment related to Capacity Planning and Performance and shared information with members of the offshore team.

FCWS INC/Sedge brook-Lincolnshire, IL

08/2016 – 08/2017

Programmer/ Consultant

- Full Time position for both Corporation to automate Programming and Implementation of A/R Reports developed technologies in STRUCTURED COBOL PROGRAMING environment.

COMPUTECH/BOEING-Renton, WA

07/2015 – 02/2016

Data Engineer

- Production and Test Support for installation Systems.
- Working with IT department to evaluate, manipulate and determine valuation of the move off mainframe to AIX system from existing MAINFRAMES/ Z/OS

TERADATA/SQL/ORACLE/SAS/COBOL Micro Focus Development and SYNCSORT Environment.

- Create and maintain scripting conversion programs and SQL queries for Ad-hoc report requests, ongoing maintenance, and issue debugging. Pre-Compile, Compile and Set environment for the programs for testing. Transfer Data to other environments.

ALLSTATE / SYNTEL INC-Northbrook, IL

01/2015 – 05/2015

Project Leader

- Production and Test Support for installation Systems. Working with IT department to evaluate, manipulate and determine valuation of the future UNIX/LINUX system from existing SOLARIS UNIX /SQL/ORACLE/SAS Environment. Install correct versions of 3rd party software online for SAS 9.3.

Express Script/IBM/Global nest -Franklyn Lakes, NJ

05/2013 – 03/2014

Consultant

- Production Support for all Claims Systems. Working with IT department to extract data, manipulate and determine valuation Claims for existing projects on TERADATA, PC SAS, and MAINFRAME/ Z/OS UNIX COBOL/SQL/DB2/SAS Environment.
- Assisting Mangers to Research, clean data and fix errors on all require Claims System for all DHL Department.

AIG / ALICO-Wilmington, DE

09/2008 – 07/2010

Consultant

- Develop markets in Europe, Asia, the Middle East, Africa, and Latin America. ALICO has regional headquarters in Tokyo, Paris, Athens, Dubai, and Santiago, Chile.
- Working with IT department to extract data, manipulate and determine valuation reconciliation for existing projects on PC SAS, AS/400 MAINFRAME/ Z/OS UNIX Cobol/SQL/DB2/SAS Base, Enterprise Miner environment.
- Assisting vendors to create data dictionary for the purpose of creation Prophet Model's insurance policy for all Actuary Department.
- Utilized Vendors Product/Securities Processing, Portfolio Market, Reference Data and Integrated Monetary Processing and Control System (IMPACS).

CITIGROUP-O'FALLON, MI

01/01 – 08/08

Sr. Programmer/Analyst

- Primary responsibilities with Citibank are to develop and maintains productive working relationships with key internal clients, vendors and other IS resources.
- Support existing system processes and maintain data integrity of the systems. Also, provide production support and on-going maintenance and enhancement projects for existing systems.
- Automated Pre-Process batch job to pull information from Mainframe to Unix Box to move all kind of files using NDM or FTP transmission job to create daily schemas Sourcing Star, Fact/Cube and Atomic build process for input to build the Daily Data Mart.
- Also, create data dictionary showing all variable names, DW Table, DW Column Name, Business Transformation, Flat file, Join etc.
- Extracted Data Warehouse from DB2 SQL ORACLE SAS COBOL MVS MF SYSTEM.
- Evaluated data and produced Ad Hoc Matrix reports to do audits for direct marketing and database marketing systems.

Selected Accomplishments:

- CBNA BI Specific Activities
- SIR/STR/EMR Process and attend Weekly Implementation Meeting
- TNC Cycle/Schedule and Jobs for Daily Weekly and Monthly Cycles/Schedule
- AFS TNC Current process and jobs
- RELATIONAL DOWNLOAD FILES SI/CL to AFS Conversion Project
- ACAPS Trim Process and associated Jobs

- Recreate ACAPS Monthly Report sent to LIC and ACAPS Team from Missouri
- Understanding of feeds to TNC and DW/CDM
- ACAPS Daily, Full Weekly, Monthly, CUSTOM CRIS CAS DLS GPS CACS
- Location of all SAS code to review Outstanding Issues, Overview of new DW
- TNC COB, Data Masking Ongoing and Review of Data Model.....

Chase Manhattan Bank-New York, NY

11/99 - 12/00

Consultant

- Extracted Data Warehouse from DB2, SQL, ORACLE, SAS, COBOL MVS Mainframe (Z/OS). System to evaluate Data and produce Ad Hoc Matrix reports to do audits for various PRE-SCREEN and ITA direct marketing and database marketing projects.

Prodigy Communications Corp-Westchester, NY

11/98 - 10/99

Consultant

- Creating Ad Hoc reporting required by Company using SAS Mainframe and SAS DB2 SUBSYSTEM. Also, developed production system on Mainframe and then Download all Spreadsheet Report to the LAN to be use in Microsoft Excel format. Converted all Report to run on Prodigy Central (WEBSITE) for Viewing by vendors.

Prudential Insurance-Roseland, NJ

06/97 - 10/98

Consultant

- Assisting Coopers & Lybrand in Health Insurance Application to do Audit for Prudential insurance. Creating AD HOC report required by Coopers & Lybrand using COBOL/CICS/DB2/SAS MAINFRAME & PC. AF / SCL processing previous old year's data.

Citicorp-Long Island City, NY

02/96 - 05/97

Consultant

- Creating and maintaining Database, SAS and COBOL programs for PHOTOCARD PENETRATION, BALCON and Aims System Projects. DOWNLOAD and RESTORE FILES using FDR and IBM Utilities.
- Transmitting reports to users to keep track of all credit card accounts in X/L Software. Also, automate and create system for programmer's users to evaluate Mainframe Data VS Data Warehouse (CAM).

Education:

- HS Diploma / A.A.S. Data Processing BMCC, / Diploma, Computer Science I C I, NYC

Technical Skills:

- **Languages:** COBOL, SAS.
- **Databases:** SQL, ORACLE, DB2.
- **O/S:** MVS IBM 370/3033/308X/309X/AIX.
- **Tools:** MAINFRAME / UNIX.
- **HARDWARE:** IBM 370, 3033, 308X, 309X, AIX/6000, AS/400, PC MS/DOS/AST/WINDOWS.
- **SOFTWARE:** PC SAS, MACROS, SAS COLOR GRAPHICS, TWS / REXX / CLIST, DB2, ACCESS, CITRIX, ORACLE, ETL, PL/SQL-UNIX, CLIENT/SERVER, COGNOS, OS/MVS, VM/CMS, CICS, OS/JCL, UTILITIES, VSAM/IDCAMS, FTP/NDM, FILEAID, FDR, SYNC SORT, TSO/ISPF, ROSCOE, COBOL, ENDEAVOR on the Mainframe, BAL, SAR, BEST/1(MVS, CICS, NETWORK) MERRILL/MXG, EPILOG, OMEGAMON, RMF, SMF, HSM, SMS, MS VISIO 2007, SHAREPOINT.
- **PROFESSIONAL TRAINING:** Specialized IBM courses in Structured Computer Programming, Command level CICS, Capacity Planning (3) BGS SYSTEMS Courses in MVS, CICS and NETWORK, SAS INSTITUTE Courses, PL/SQL-UNIX

Summary:

- Candidate is a US Citizen, local to Duluth, GA and willing to work in Charleston WV
- Over 15 years of experience working as a Mainframe Programmer Analyst Lead utilizing COBOL, IDMS, z/OS, IMS/DB/DC, DB2, CICS
- Worked on OPUS system which provides the offender's information to the officer and the Department of State. This system is implemented utilizing the Micro Soft COBOL and CICS/DB2 in a PC environment.
- Developed online CICS/DB2 programs using Micro Focus COBOL
- Worked on Financial Analysis Capabilities through Scanning (FACTS) system which was implemented on an IBM 3090 using IMS/DB/DC, DB2/SQL, DCS, PACBASE, QMF, PANVALET, and TSO/ISPF and JCL operating under OS/MVS.
- Supported Mainframe applications with migrated USPS data writing JCL and creating sub programs.
- Functionally served Detail Design, Code, Unit Test and Systems Test utilizing COBOL, IMS/DB/DC, DB2, Endeavor, Xpediter, Insync and BlueDevel Object Orient Component, manage The HealthCare systems under Z/OS IBM Mainframe.
- Analysing to develop, enhance and support applications systems. Functionally served the Analysis, Detail Design, Code, Unit Test and Systems Test utilizing COBOL, Easytrieve, IDMS, z/OS, IMS/DB/DC, DB2, CICS, and Administration for IMS DB/DC.
- Has performed as a Programmer Analyst to develop, enhance and support applications systems.
- Provides application expertise in Health Care Systems, Medicare Systems (MMIS), Automotive Management systems, Financial/Credit Card payment systems and HRMS (Human Resource Management Systems).
- Responsibilities have included End-User Analysis, Design (following SPECTRUM System Development Life Cycle – SDLC approach), Specifications (including writing specifications for other programmers to follow), Extensive Coding, QA Testing, Test Plan and Documentation.
- Provides technical expertise in COBOL, DB2/SQL, IMS DB/DC, CICS, VSAM, FILEAID, TSO, ETL, ENDEVOR, EXPEDITER, EASYTRIEVE PLUS, SYNC SORT, IBM Utilities, POWER BUILDER, FTP/NDM and JCL.

Professional Experience:**Hong Systems Inc.****August 2019 – Current****Programmer Analyst Lead**

- As a Programmer Analyst Lead worked on the Employee Payroll, Income / Expenses on management and Accounting system.
- Worked with users preparing system requirements and feasibility reports.
- Analysing to develop, enhance and support applications systems. Functionally served the Analysis, Detail Design, Code, Unit Test and Systems Test utilizing COBOL, Easytrieve, IDMS, z/OS, IMS/DB/DC, DB2, CICS, and Administration for IMS DB/DC.
- The systems were developed with the financial business process methodology.

TSYS - Credit Card Processing Company**Aug 2010 – Aug 2019****Programmer Analyst Lead / Employee**

- As a Programmer Analyst worked on the Posting System and Authorization system of Credit Card Processing system to develop and maintain the Credit Card processing.
- Functionally served the Analysis, Detail Design, Code, Unit Test and Systems Test utilizing COBOL, z/OS, IMS/DB/DC, DB2, CICS, Endeavor, Easytrieve, Debug tool.

Highmark – Blue Cross Blue Shields of PA**Oct 2009 – May 2010****Technical Analyst / Consultant**

- As Technical Analyst worked on the Legacy Modernization for Claims Interaction with Member project. The purpose of this project is to convert the Subscriber IMS data base to CMR (Corporate Member Repository) DB2 for data access.
- Functionally served the Analysis, Detail Design, Code, Unit Test and Systems Test utilizing COBOL, z/OS, IMS/DB/DC, DB2, Endeavor, Expediter, In sync, Clear Case tool and BlueDevel Object Orient Component and manage The HealthCare systems.

- As Technical Analyst worked on the Legacy Modernization for Claims Interaction with Benefits project. The purpose of this project is to enhance the OSCAR (Optimum System for Claims Adjudication and Reporting) Benefits Processor to include rules associated to a Product Package and Customer Product Code.
- Functionally served Detail Design, Code, Unit Test and Systems Test utilizing COBOL, IMS/DB/DC, DB2, Endeavor, Xpediter, Insync and BlueDevel Object Orient Component, manage The HealthCare systems under Z/OS IBM Mainframe.

Highmark – Blue Cross Blue Shields of PA

June 2008 – Nov 2008

Technical Analyst / Consultant

- As an Application Development Programmer Analyst worked on the ITS 10.2 BCBSA's software release to remain compliant with BCBSA processing standards. Functionally served to modify existing programs in expanding OSCAR (Optimum System for Claims Adjudication and Reporting) to process and accept up to 999 Institutional lines on a single OSCAR claim. The OSCAR system interfaces with FEP (Federal Employee Program), IT'S (Inter-plan Teleprocessing System) and mainline Claims system of Health Insurance Business.
- This system was implemented on an IBM OS390, COBOL, DB2, IMS DB/DC, ENDEVOR, Xpediter and Blue Devel Object Orient component under Z/OS IBM Mainframe environment.

Blue Cross Blue Shield of South Carolina

Nov 2006 – May 2008

Application Development Systems Analyst / Consultant

- As an Application Development Systems Analyst worked for the systems analysis and develop subsystems of the ALGS/Finalist systems. The ALGS is a letter generating vendor software and the FINALIST is USPS address verification software systems connected to BCBSSC mainframe for the letter generation utilizing Enterprise server and Web server environment.
- Functionally worked to interface vendor and upgraded vendor software release and migrated USPS data using FTP/NDM utility.
- Also, supported Mainframe applications with migrated USPS data writing JCL and creating sub programs.
- This system was implemented on an IBM OS390, Enterprise Server, Web Server, FTP/NDM, JCL, APS code generator, MQ Series, CICS, DB2, VSAM, IMS, ENDEVOR, Smart Test tool, FreezeFrame Performance tool, Zeke, InfoPAC under Z/OS IBM Mainframe, Enterprise/Web server, manage The HealthCare system

TSYS / Synovus Financial

Jun 2005 – Nov 2006

Senior Programmer Analyst

- As a Senior Programmer Analyst worked at Production Support team for Production Problems resolution and Performance Enhancement of the Commercial Credit Card Processing Systems (Authorization, Collection, Total Business Reporting etc.).
- The technical skills used are COBOL, DB2, IMS, CICS, VSAM, ENDEVOR, CA7, EXPEDITER, File Management tools and FTP under IBM Mainframe environment.

First Health Services

Nov 2002 – Feb 2005

Senior Programmer Analyst / Consultant

- As a Senior Systems Consultant worked at Production Support team to resolve production problems and Production Systems Performance Enhancement to improve job performance of VA MMIS (Virginia Medicare Maintenance Information Systems) using DB2 SQL optimization and Conversion of QMF reports to Syncsort Reports.
- The technical skills used are COBOL 390, DB2 v7, QMF proc, Easytrieve Plus, DB2 Query, ENDEVOR, CICS, VSAM, Smart Test tool, FILEAID, Syncsort Report under OS390 of IBM Mainframe environment.
- As a Senior Systems Consultant worked on the SURS (Surveillance and Utilization Review Subsystems) development and HIPAA (Health Insurance Portability and Accountability Act) Compliant Changes of VA Medicare/Medicaid systems. This system was implemented utilizing COBOL 390, DB2 v7, QMF proc, Easytrieve Plus, DB2 Query, ENDEVOR, CICS, VSAM, IMS, Smart Test tool, FILEAID under OS390 of IBM Mainframe environment.

Computer Associates

Aug 1999 – Sep 2002

Software Engineer/ Employee

- As a permanent employee worked at the Research & Development team of CA InterBiz Financial Group. Responsibility included to develop the HRMS (Human Resource Management Systems) software of the Master

Piece/Net product utilizing COBOL II, DB2 SQL, CICS, VSAM, IMS, CA InterTest tool on the MVS, OS390 of IBM Mainframe and AS400, DOS/VSE, IDMS, POWER BUILDER and Windows NT platform.

- The Master Piece/Net is the software product of Computer Associates for managing Human Resource, Payroll, Benefits and Financial.
- Worked on the CA InterBiz Financial systems of Mastpiece/Net product. Responsibilities included to maintain problems for the financial systems. This software product provides all financial information (General Ledger, Accounts, Payable, Fixed Assets, and Asset Management).

Blue Cross Blue Shield of Florida

Jul 1991 – Jul 1999

Senior Programmer Analyst / Consultant

- As a Senior Systems Consultant developed Legacy sub systems and maintained the Healthcare and Medicare Claims Processing in legacy systems regarding Business changes. This system was implemented on an IBM 3090 using ENDEVOR, DB2, CICS, IDMS, VSAM, FILEAID and COBOL II under OS/MVS environment
- As a Senior Systems Consultant worked on a Medicare Data Exchange project. The purpose of this project is to transfer the specified Medicare Eligible HMO (Health Maintenance Organization) membership data to the HCFA (Health Care Financial Administration). Responsibilities included:
- Developed to interface the MHS (Managed Health Care) systems and Legacy.
- Worked on detail design and DB2 programming and migrated data using FTP/NDM. This system was implemented on an IBM 3090 using SAS, ENDEVOR, DB2, CICS, IMS/DB/DC, VSAM, FTP/NDM and COBOL II under OS/MVS environment.
- As a Senior Systems Consultant worked on a COB (Coordination of Benefits) project. This system was concentrated on utilizing other insurance company carrier liability information in processing claims coordination. The objectives of this system are: increase automation of claims, increase savings, and improve the accuracy in processing claims coordination.
- This system was designed using the IEF tool /DB2, and implemented on an IBM 3380 using the IEF CASE tool, DB2, QMF PROC, IMS/DB/DC, DB2, XPERT, XPEDITER, COBOL II, IBM utilities and JCL operating under OS/MVS environment.
- As a Senior Systems Consultant worked on a Corporate ID Card system.
- This system provided the improved Blue Cross Blue Shield ID card benefit information, internal operational efficiencies and quality to the Blue Cross Blue Shield customers. Responsibilities included:
- Worked with users (Membership & Billing, Product Administration) preparing system requirements
- Worked on analysis of current systems (RBMS: Regular Business Membership and CBC: Contract Benefit Coding)
- Designed and Developed sub-system using SPECTRUM design methodology
- Worked on Documerge technology for Label and ID card processing.
- This system was implemented on an IBM 3380 using COBOL II, IMS/DB/DC, PANVALET, TSO/ISPF, XPEDITER, IMS/XPERT, DATA/XPERT and JCL
- Operating under OS/MVS environment.
- As a Senior Systems Consultant worked on a Front-End DCN (Document Control Number) project. This system provided the control of Blue Cross Blue Shield claim documents from their on-floor storage to the microfilm vendor.
- This system was implemented on an IBM 3380 using COBOL II, IMS/DB/DC, DB2/QMF, QMF PROC, TSO/ISPF, IMS/XPERT, DATA/XPERT and JCL
- Operating under OS/MVS environment.

State of Florida

Sep 1994 - Mar 1995

Senior Programmer Analyst / Consultant

- Assigned to develop the outsourcing project (OPUS system).
- The OPUS system provides the offender's information to the officer and the Department of State. This system is implemented utilizing the Micro Soft COBOL and CICS/DB2 in a PC environment.
- Developed online CICS/DB2 programs using Micro Focus COBOL
- Developed batch report CICS/DB2 programs using Micro Focus COBOL

AT&T American Transtech

Sep 1990 - Jul 1991

Senior Programmer Analyst / Consultant

- As a Senior Systems Consultant worked on an Integrated Telemarketing system. This system provided the information of the IN-BOUND and OUT-BOUND telephone service processing.
- Developed sub-system using SDLC

- This system was implemented on an IBM 3390 using IMS/DB/DC, Easytrieve, COBOL, UNIX command, XPEDITER, TSO/ISPF and JCL operating under IBM OS/MVS environment.

E.D.S. of Canada Ltd. /G.M. of Canada Ltd.

Feb 1986 – Aug 1990

System Engineer / Employee

- As a S.E. (System Engineer/Senior Programmer Analyst) worked on a Financial Analysis Capabilities through Scanning (FACTS) system. This system provided financial analysis regarding dealer financial reports between the FACTS processing centre in the U.S. and G.M. of Canada.
- Designed and developed entire sub-system using SDLC
- Wrote documentation and user guide
- Worked with users preparing system requirements and feasibility reports This system was implemented on an IBM 3090 using COBOL, IMS/DB/DC, DB2/SQL, PACBASE, QMF, DB2 utility, CA7, CA11, PANVALET, TSO/ISPF and JCL operating under OS/MVS.
- As a S.E. worked on a Dealer Communication Broadcast (DCSBRD) system. This system provided the user to allow easy communication between G.M. and its Dealers, Parts Distribution Centers and Zone offices.
- Supervised and helped three junior programmers and one Co-op student
- Designed and developed sub-system using SDLC
- Wrote documentation and user guide
- Worked with users preparing system requirements and feasibility reports
- This system was implemented on an IBM 3090 using IMS/DB/DC, DB2/SQL, DCS, PACBASE, QMF, PANVALET, and TSO/ISPF and JCL operating under OS/MVS.

Education:

- Majored Computer Science, Technical training in IBM and EDS

Key Skills:

- IBM mainframe
- COBOL
- ITS
- ENDEVOR:
- JCL
- VSAM
- DB2/SQL
- IMS DB/DC
- CICS
- Easytrieve
- z/OS

Technical Summary:

- COBOL, COBOL II, COBOL 390, MICRO FOCUS COBOL, IMS DB/DC, DB2, SQL, CICS, PACBASE, MFS, IMS BMP, TSO/ISPF, JCL, PANVALET, XPEDITER, CLIST, SAS, FILEAID, EASYTRIEVE PLUS, IDMS, VSAM, CA7, INFOMANAGER, QMF, DB2 XPERT, ETL, ENDEVOR, IMS XPERT, CA INTERTEST, VIASOFT SMARTEST, SPECTRUM, AS400, VSE, DEC, MVS, UNIX, WINDOWS NT, IBM UTILITY, MS WORD, MS EXCEL, VISUAL BASIC, POWER
- BUILDER, SDLC, SYNC SORT REPORT, Enterprise Server, Web Server, FTP/NDM, z/DMF, Z/OS, APS code generator, MQ Series, FreezeFrame Performance tool, Zeke, View Direct (InfoPAC), Incan, BlueDevel Object Orient Component, Easytrieve, RUP, Rational Clear Case tool, Packet, Argil.

Summary:

- More than 20 years of current programming experience as a Senior Programmer Analyst.
- Solid reputation as a self-starter who thoroughly tests and documents both elements and processes.
- Skilled in all phases of the System Development Life Cycle. Excellent problem solver.

Experience:

Gainwell Technologies

Mar 2020 – Sept 2021

Project: Medi-Cal Dental

Project Description: Worked as team member on various enhancement projects.

Work Performed:

- Senior mainframe Programmer working remotely.
- Responsible for COBOL batch programs, using VSAM and IDMS.

Caterpillar Corp.

Oct 2019 – Feb 2020

Project: APF zCloud Migration

Project Description: File Support Migration to Cloud

Work Performed:

- Senior mainframe Programmer working remotely on the APF project.
- Responsible for COBOL programs both batch and online CICS, using VSAM and DB2 SQL on multiple LPARs. File member management for programs, jobs, and procs was via Endeavor.

State of Pennsylvania

June 2019 – Aug 2019

Project: Child Support Enforcement processing

Project Description: Welfare System Conversion

Work Performed:

- Senior mainframe Programmer on the PACSES project.
- Designed, coded, tested, and documented Unisys 2200 COBOL programs and LOUIS query programs.

State of Pennsylvania

Sept 2018 – Apr 2019

Project: Child Support Enforcement processing

Project Description: Welfare System Conversion

Work Performed:

- Senior mainframe Programmer on the PACSES project.
- Designed, coded, tested, and documented Unisys 2200 COBOL programs and LOUIS query programs.

State of Virginia

June 2013 – Aug 2016

Project: Welfare Migration system

Project Description: System conversion

Work Performed:

- Mapper Developer on the Virginia Conversion project.
- Designed, coded, tested, and documented Unisys Mapper programs for Master file data migration.

State of California

March 2012 – Jan 2013

Project: California DMV ITM processing system

Project Description: New System Development

Work Performed:

- Senior Programmer on the California DMV ITM project.

- Designed, coded, tested, and documented COBOL program subroutines for Reporting to outside entities screening, and for Driver License Renewal update.
- Developed a FTP file transfer process.

State of California

May 2010 – March 2012

Project: California DMV ITM processing system

Project Description: New System Development

Work Performed:

- Senior Programmer on the California DMV ITM project.
- Designed, coded, tested, and documented COBOL program subroutines for Reporting to outside entities screening, and for Driver License Renewal update.
- Developed a FTP file transfer process.

State of California

Jun 2009 – Dec 2009

Project: California ISAWS welfare processing system

Project Description: Production Support of the ISAWS welfare system

Work Performed:

- Programmer Analyst on the California ISAWS welfare processing system.
- Performed systems analysis and requirements analysis for ISAWS system enhancements.
- Developed technical specifications, program design, coding, testing, and documentation of both online and batch Unisys programs.
- Developed an FTP file transfer process.

State of California

Apr 2007- May 2009

Project: California ISAWS welfare processing system

Project Description: Benefit Issuance application enhancement

Work Performed:

- Programmer Analyst on the California ISAWS welfare processing system. As a member of the Benefit Issuance Development team, analyzed, estimated, designed, coded, tested, and documented, enhancement projects in Unisys MAPPER for a large county consortium welfare support system.

State of California

Jun 2006- Apr 2007

Project: CALWin welfare processing system

Project Description: Enhancements to the CALWin welfare system

Work Performed:

- Programmer Analyst on the EDS CalWin welfare processing system.
- As a member of the EDBC (Eligibility Determination Benefit Calculation) Development team, analyzed, estimated, designed, coded, tested, and documented enhancement projects and production support projects for a large county consortium welfare support system using Net Express, Server Express, and Unix in an Oracle Powerbuilder environment.;
- Responsible for eligibility calculation for one type of welfare – County General Assistance/ General Relief.
- Responsible for the main eligibility calculation driver process.
- Assisted the eligibility medical team in debugging especially difficult production eligibility Medical Problems.

Zion's Bank

Aug 2005 - Apr 2006

Project: Business Conversion Project

Project Description: Expand system capabilities to include newly acquired bank locations

Work Performed:

- Programmer Analyst on a bank processing system.

- Coded, tested, and installed CICS and batch programs using COBOL, ZOS, CICS, JCL, Easytrieve Mainframe, IBM Utilities, and MS Office (Word and Excel).
- Participated in large conversion project that expanded bank specific logic to include newly acquired bank branches. Coded, tested, and installed 70 COBOL programs and sub-routines and 50 EZTREV programs.
- Designed, coded, tested, and documented a CICS program to allow the bank to better manage NACHA financial transaction exceptions.

T. Rowe Price

Dec 2004 – Jun 2005

Project: Production Support

Project Description: Provided production support and ongoing maintenance of T. Rowe Price legacy systems

Work Performed:

- Programmer Analyst on an investment processing system.
- Provided technical production support in a MVS, DB2, OMNI-PLUS Environment.
- Analyzed, coded, and tested production problems in COBOL, JCL, and DB2.
- Software tools used were; JCL, DB2, and COBOL ZOS, Mainframe, IBM Utilities, TSO scripts, and MS Office (Word and Excel).

Wells Fargo Bank

Aug 2004 – Oct 2004

Project: Accounting, Claims and Healthcare legacy application support and enhancements

Project Description: Various projects to support and enhance WellPoint legacy systems

Work Performed:

- Programmer Analyst on a bank processing system.
- Provided technical support on a conversion project.
- Wrote functional requirements, technical requirements, coded, tested, and documented programs.
- Wrote JCL to migrate jobs, programs, and data files from one mainframe environment to another mainframe environment.
- Technology used was COBOL, JCL, Mainframe, IBM Utilities, and MS Office (Word and Excel).
- Project Cost:

Zion's Bank

Nov 2003 – May 2004

Project: Business Unit IT conversion

Project Description: Integrate the IT systems of newly acquired business units. Work Performed:

- Programmer Analyst on a bank processing system.
- Provided technical support on a Business Conversion project.
- Analyzed legacy application software for bank specific requirements. Made recommendations for changes. Coded and tested changes to COBOL and Easytrieve programs in a MVS environment.
- Software tools used were COBOL, ZOS, JCL, Easytrieve, Mainframe, IBM Utilities, and MS Office (Word and Excel).

Clark County School District

Dec 2000 – Dec 2002

Project: School District Interface Maintenance

Project Description: Production Support for SASI School Network to Mainframe District Data Base Interface

Work Performed:

- Programmer Analyst on a public schools processing system.
- Provided production support for SASI School Network to Mainframe District Data Base Interface.
- Worked with a user team and personnel from the county health department, analyzed Student Immunization Compliance requirements.
- Designed, coded, tested, documented and installed new DB2 / CICS Immunization Compliance sub-system that is used at district headquarters as well as in each school.
- Working with several users in an ad-hoc team environment, identified student mailing address issues, and developed logic which standardized Address validation.
- Standardized new Student System to old Student System conversion logic.
- Participated in regular production support problem status meetings with Application Support Team members and members of the user community.
- Maintained Application Production Support documentation, which included maintaining the Problem Status Log.

- Conducted several small distributed-system trouble-shooting projects with the Help-Desk Team and the Schools System Support Team.
- Software tools used were JCL, DB2, CICS, COBOL, Mainframe, IBM Utilities, and MS Office (Word and Excel).

Education & Certification:

- Associated of Science, Computer Technology, Indiana Vocational Technical College, Indianapolis, IN (1970)

Skills:

- Cobol/Cobol 2, Cobol 370, Cobol 390, Micro Focus Cobol, Unix, Unisys Mapper, Easytrieve, CICS, JCL, DB2, SQL, Omni-Plus, VSAM, File-Aid, Xpediter, Smarttest, DMS, Cool-Gen, Command Level CICS, Z/Os, Tso/lsp, Endeavor, Librarian, Pantalets, Panapt, IBM Utilities, File-Aid For Db2, Incas, Superc, Sync Sort, MDF, Sms, Msword, Windows, Excel, Outlook, SAR, TMS, SDSF, Ftp, Db2 Utilities, Spufi, QMF, Abend-Aid, Comparex, Version Merger, Oracle, Mainframe-Express, Platinum Technologies System Vision, And PRF

Summary:

- Information Technology Professional with 17.9 years of experience involving full project life cycle:
- Roughly 8.4 years' experience as a Mainframe Applications Developer using MVS, TSO/ISPF, COBOL, VSAM, JCL, CICS, DB/2, PL/1, DL/1 (IMS/DB), Endeavor, Xpediter, Interest, File Aid,
- Approximately 3.5 years serving as a mainframe validation tester using MVS, TSO/ISPF, JCL, DB/2, Oracle, AIX, File Aid, HP Quality Center, and MKS Integrity Center.
- The remaining 6.0 years of experience being a validation tester evaluating web pages, web portals, Microstrategy Reports / Dashboards / Matrices, Infomatica Power Center Export/Transform/Load (ETL) scripts, Oracle Data Definition Language (DDL) scripts, and Oracle Data Manipulation Language (DML) scripts; using TOAD for Oracle, Oracle 9 through 11, MS-Sharepoint, & HP Quality Center to ensure they function correctly and follow requirements.
- Experienced in requirements gathering, analysis, design, development, implementation, testing, deployment and maintenance; while documenting throughout the process.
- Familiarity working in the insurance, healthcare, and government domains.
- Strong background in SDLC methodologies such as CMMI, Traditional Waterfall, and structured programming, and with Scrum Agile methodologies.
- Demonstrated ability to pick up new skills quickly.

Experience:**Tata Consultancy Services. Newark, DE
Mainframe Developer****June 2021 – Sep 2023**

- As a Mainframe Developer with Tata Consultancy Services (TCS); I provide Z/OS mainframe analysis, programming (both new development and maintenance), and testing; as well as other technical services as contracted for our clients.
- Initially assigned to client Bank of America out of their Newark, DE office as part of their Fraud Prevention team; working that assignment involving COBOL, VSAM, DB/2 (SQL), JCL, Changeman, File-Aid, and Comparx in a Z/OS environment between June 2021 and October 2021.
- Started new contract assignment with client Citigroup out of their Irving, TX office involving a Hybrid-Agile environment using JIRA:
- From February 2022 through April 2022, worked as part of their Document Hub Management / Migration - Phase 2 project team as a Mainframe Developer using COBOL VSAM, File-Aid, JCL, and Changeman in a Z/OS environment.
- From April 2022 through August 2022, worked as an Analyst as part of the Datafeed project researching existing legacy applications which mostly involved COBOL, VSAM, File-Aid, and JCL on the mainframe as well as using SMART-TS to look up copybooks outside the mainframe to be documented; via. Master Datafeed and Output Metadata MS-Excel spreadsheets to be used by developers in their planned updates and migrations.
- From August 2022 to November 2022, served as a developer for the ADA-Statements project. Initially worked remediating COBOL copybooks, where I later continued working on remediating ExStream-OpenText scripts for PDF documents for statements to ensure their ADA compliance (visual and text-to-speech).
- From January 2023 to August 2023, worked as a Developer/Team Lead for the Embossing-CRS Cards Migration Project. Mostly provided support to primary Team Lead as able, and help coordinate efforts of TCS Offshore counterparts with onshore Citibank Clients. Performed Root Cause Analysis Batch COBOL programs in Z/OS and DB/2 DML Script executions in AIX on occasion.

**Apex Systems. St. Louis, MO
Senior Mainframe Applications Developer****March 2020 - April 2020**

- As a Senior Mainframe Developer with Apex Systems; I would provide mainframe analysis, programming both new development and maintenance (using COBOL, CICS, and DB2 in a Z/OS environment) and testing services (using Xpediter) for client Edward Jones.

**Infosys, Ltd. Richardson, TX
Technology Analyst****Nov 2018 - Jan 2020**

- As a Technology Analyst with Infosys, started by providing system analysis support for client Verizon. This involved taking notes, writing meeting minutes being subject to peer-review, and in some cases conducting Technical Exchange meetings; to document existing applications for reference in preparation for Infosys taking over application support duties. In February 2019, I suffered a stroke and was off work for roughly 3 months for treatment and rehabilitation.

- Also while working for Infosys, I took online training courses reviewing subjects such as Agile Development, CA-7, DB/2, PL/1, UNIX, ect.
- Returned to work late May 2019, and assigned to Depository Trust and Clearing Corporation (DTCC) in mid July 2019 to assist with preparations for the Extended-Run Certification Test of their Mini-DR system. This task involved modification of scripts to extract files from production on a daily and weekly basis to be transferred to Mini-DR, as well as files that expanded/extracted /installed said files into Mini DR. Part of the analysis involved examining COBOL and Assembler-370 copybooks. Also worked to create and unit test a date field conversion/update utility. This involved TSO/ISPF, JCL, REXX, File Aid, Super C, and Comparex in a Z/OS environment. In this position, I had exposure to working with an offshore team, providing information and working to coordinate activities. This project concluded in late September 2019.

**Stepanini, LLC, Reading, Pennsylvania
Mainframe Programmer 1**

Nov 2016 – Nov 2016

- As a Mainframe Programmer, provided programming support for client Carpenter Industries. This involved writing programs in COBOL, JCL, VSAM, and CICS in a Z/OS environment to convert files to be usable by UNIX based systems as part of a migration from their legacy system to a client-server system acquired through a recent merger.

**Leidos Inc., Baltimore, Maryland
Systems Integration / Test Engineer**

Aug 2016 – Nov 2016

- As a Manual Validation Tester, provided testing support to client Center for Medicare/Medicade Services / National Data Warehouse (CMS/NDW) data warehousing of their Microstrategy Reports/Dashboards/Cubes, Infomatica application scripts, Oracle DML and DDL SQL scripts and NDW Web Portal. This involved analysis of the Requirements Specification Documents (RSD) and Low-Level Design documentation. The creation of test cases in HP Quality Center which was used to record test results and defects as well. Using TOAD for Oracle to create and execute of test SQL queries in Oracle. With the Web Portal, was performing Section-508 compliance testing, and using XML in testing to confirm pages were providing correct information, and behaving properly.

**Lockheed Martin –IS&GS, Baltimore, Maryland
Systems Integration / Test Engineer**

Aug 2011 – Aug 2016

- As a Manual Validation Tester, provided testing support to client Center for Medicare/Medicade Services / National Data Warehouse (CMS/NDW) data warehousing of their Microstrategy Reports/Dashboards/Cubes, Infomatica application scripts, and Oracle DML and DDL SQL scripts. This involved analysis of the Requirements Specification Documents (RSD) and Low-Level Design documentation. The creation of test cases in HP Quality Center which was used to record test results and defects as well. Using TOAD for Oracle to create and execute of test SQL queries in Oracle.

**Lockheed Martin –IS&GS, Baltimore, Maryland
Computer System Analyst Programmer**

Dec 2010 – Aug 2011

- As a Manual Validation Tester, provided testing support to client Center for Medicare/Medicade Services / National Data Warehouse (CMS/NDW) data warehousing of their Microstrategy Reports, Infomatica application scripts, and Oracle DML and DDL SQL scripts. Transferred from SSA-OSES from late December 2010 after contract renewal awarded to another company. This involved analysis of the Requirements Specification Documents (RSD) and Low-Level Design documentation. The creation of test cases in HP Quality Center which was used to record test results and defects as well. Using TOAD for Oracle to create and execute of test SQL queries in Oracle.

**Computer System Analyst Programmer - SSA/OSES
Lockheed Martin –IS&GS, Baltimore, Maryland**

July 2007 – Dec 2010

- As a Manual Validation Tester, provided testing support for web-based as well as mainframe reporting applications for client SSA-OSES.
- This involved analysis of the Detailed Functional Requirements/Detailed System Specifications, the creation and execution of test cases, and the recording of test results and defects in HP Quality Center.
- In the case of mainframe reports, used JCL(Z/OS), DB/2 (with SPUFI, QMF, TOAD or DB-Visualizer), various IBM Utilities, File Aid (to read VSAM files), AIX, Oracle to execute both reports and database queries to confirm report output.

**Computer System Analyst Associate - SSA/ORSIS
Lockheed Martin –IS&GS, Baltimore, Maryland**

Feb 2006 – July 2007

- As a Mainframe Applications / Maintenance Programmer/Analyst, provided support to client SSA-ORSIS for a variety of mainframe projects (both new development and maintenance).

- These assignments involved programming in COBOL, JCL, VSAM, DB2, and CICS in a IBM Z/OS (MVS) environment.
- Source code and binaries were maintained in CA-Endeavor which is a base-delta release management utility.
- Unit tested applications using either Xpeditior for batch jobs, or Interest for CICS applications.

**Associate Programmer/Analyst - SSA/ORSIS
Global Commerce and Information, Fredericksburg, VA**

April 2005 – Feb 2006

- As above, served as a Mainframe Applications / Maintenance Programming subcontractor to Lockheed Martin, provided support to client SSA-ORSIS for a variety of mainframe projects (both new development and maintenance).
- These assignments involved programming in COBOL, JCL, VSAM, DB2 (learned on the job), and CICS in a IBM Z/OS (MVS) environment.
- Source code and binaries were maintained in CA-Endeavor which is a base-delta release management utility.
- Unit tested applications using either Xpeditior for batch jobs, or Interest for CICS applications.

**Associate Programmer - Y2k Testing
Computer Task Group, Endicott, NY**

June 1998 – June 1999

- Contracted to Lockheed Martin Federal Systems to perform Y2K Unit testing for their clients Cummins Diesel Ltd. and US Food Service Inc of their 3rd party remediated mainframe applications.
- Used Xpeditior for testing of COBOL, PL/1, IMS/DB, and Datacom based applications. Wrote JCL to create test scripts.
- Performed system testing of Quick job applications using Version Merger to compare remediated against archived outputs. Processed Test Case Procedures (TCPs) from flat-files using in-house macros, downloading to a file-server accessible by my teammates.
- At least one occasion I assigned programs and associated TCPs to teammates while test lead was on vacation.

**Junior Programmer
Computer Task Group, Indianapolis, IN**

June 1997 – Dec 1997

- Initially underwent Software Engineering Development Program training, including CICS-Command Level. After successfully concluding my training, my first assignment was a maintenance programmer for Netherlands Insurance Company, where I performed maintenance assignments as requested, conducted Quarterly Release testing using a 'in-house model-office' procedure via CA-7, and installed 3rd party rate tables as available.
- Afterwards, I was assigned to Conseco Insurance Company to perform a string literal conversion of a recently acquired system's COBOL source code which included compilation.
- Also performed analysis of JCL, associated PROCS, and associated programs modified; documenting my findings. Aided in creation of a Model Office test region.

Activities & Awards

- Member/Volunteer, Westminster Astronomical Society : 2006 - 2010
- Member, Star Trek Association of Towson : 2007 – 2011
- SSA Associate Commissioner's Team Award for DSI-MI remediation project : August 21st 2007
- LM OSES 'Light-Hearted - Green' Peer Award for Recycling efforts : July 2010
- SSA Associate Commissioner's Team Award for the BMI reporting team : May 6th 2011
- LM CMS/NDW Peer Award : August 2nd 2011

Technical Skills:

- Operating Systems: MVS (including OS/390 & Z/OS), AIX, UNIX (Solaris), & Windows (XP, through 10)
- Languages: COBOL, JCL, CICS, SQL, PL/1, DL/1 (IMS/DB), REXX, Quickjob, & Easytrieve
- Databases: VSAM, IMS/DB, DB/2 UDB v7 & 8, Oracle (release 9, 10, & 11), Datacom
- Utilities: TSO/ISPF, IBM JCL Utilities, PCOM, File Aid, Xpeditior, Intertest, Endeavor, Version Merger, Panvalet, SPUFI, QMF, DCLGEN, Super-C, Microsoft Office Suite, HP Quality Center, DB-Visualizer, TOAD for Oracle, MKS Integrity Center, Infomatica Power Center (as tester), Microstrategy (as tester), Extream OpenText, MS-Sharepoint, JIRA, COMPAREX, SMART-TS, & CA-7.

Education:

- Computer Science, Bachelorates of Science August 1985 – August 1994
- Central Michigan University - Mount Pleasant, Michigan GPA 2.45/4.0
- Specialized in Databases and Software Engineering.
- Data Processing, Programmer Certification August 1984 – May 1985
- Calhoun Area Technology Center – Battle Creek, Michigan GPA 3.7/4.0
- Received training in Computer Programming, learning COBOL and RPG; and introductory coursework in Information Technology.

Summary:

- An accomplished Developer and Lead with extensive experience throughout entire SDLC.
- 20+ years of IBM z/OS Mainframe Application Development & Production Support in COBOL, IMS-DB, DB2/SQL, JCL, CICS, & MQSeries
- Worked with SME's, SA's, DBA's and CICS SA's to identify and resolve performance bottlenecks.
- Worked with DBAs to rewrite performance-degraded SQL statements using DB2 EXPLAINS.
- Developed Impact Assessments for 55+ UWR's/CR's.
- Worked on continuous improvement associated with CMMI, including identifying, tracking championing and implement process improvement and optimization.
- Developed Use Cases via Unified Modelling Language (UML). Responsible for completion of all phases of SDLC, including code & unit testing, creation of Business, High Level, and Detailed Software Solution Design documents; Coded, tested and implemented the COBOL program to edit and transform IMS segments into DB2 rows to load into tables for the Dental Consumer Database using DB2 utility DSNUPROC
- Performed extensive business process analysis and developed detailed systems requirements. Determined user, functional and interface requirements through facilitated user elicitation sessions, JAD sessions, and extensive prototyping
- Responsible for maintaining and enhancing Customer Billing Systems using IBM z/OS, COBOL 370, DB2, IMS DB/DC, CICS, and JCL. Interfaced with internal customers to develop and document requirements in UML/Use Case format.

Professional Experience:

Internal Revenue Service

November 2010 – April 2024

Sr. Developer and Technical Lead – Cade2 Db2 Data Warehouse

- Responsible for design, development, and production implementation of the following components:
 - 18 COBOL Programs
 - 10 COBOL Copybooks
 - 30 DB2 User Defined Functions (UDF) w/ XML
 - 2 New CICS Transactions,
 - Maintenance of 15 ASM Programs.
 - Development of 25 JCL's.
 - 60+ transmittals/production releases.
 - 50% reduction in defects year over year
- Coded, tested and implemented the COBOL program for the NEON Eclipse Reorganization Utility to extract Member/Subscriber data from the legacy IMS database.
- Coded, and tested an audit COBOL DB2 program to randomly select rows for verification, accuracy and synchronization of updated consumer information between the legacy IMS database and the DB2 database.
- Led the effort to prototype CICS COBOL to JAVA Conversion using Liberty Server and JASON file transfer into COBOL programs.
- Performed Root Cause Analysis and related documentation and research.
- Completed Unit, Integration, and System testing for each modification/enhancement
- Development of two separate automated testing tools.
- Development of IEAC and DAS Class diagrams.
- XML Schema's & WSDL
- Facilitated DAS Run-Time Performance Enhancements:
 - Lead the effort to rewrite of 6 of largest consumers of MIPS/CPU to affect ~30% improvement in performance
- Worked with FIT Test Team to complete ~8 different performance monitoring sessions using up to 30 workstations to process up to 500,000 transactions per session.
- Worked with SME's, SA's, DBA's and CICS SA's to identify and resolve performance bottlenecks.
- Worked with DBAs to rewrite performance-degraded SQL statements using DB2 EXPLAINS.
- Developed Impact Assessments for 55+ UWR's/CR's.

- Worked on continuous improvement associated with CMMI, including identifying, tracking championing and implement process improvement and optimization.
- Used IBM Rational Tools: ClearQuest, and JAZZ/Rational Team Concert. Some exposure to Rational Developer z

**Lockheed Martin, Social Security Administration – Baltimore, MD
Team Lead**

Mar 2009 – Apr 2011

- Project Lead/Systems Architect tasked with redesigning and web-enabling the mainframe-based Validation Database System (VDB). Current system is based on Dialog Manager, ISPF Clist's, JCL, DB2, IDMS, VSAM and proprietary file systems.
- Responsible for a team of seven developers, analysts, requirements analysts, data modelers, and testers working in a matrixed, cross-functional environment; creating and maintaining MS Project plans and following client Software Project Life Cycle (SPLC – similar to SDLC).
- Developed the general design to extract data from the IMS database. Developed Work Breakdown Structures (WBS), responsibility matrixes, and other schedules. Facilitated consistent and effective communication with project sponsors and stakeholders through each project milestone, via progress/status reports, and meeting agenda's/minutes.
- Used MS SharePoint and Visual Source Safe to archive project artifacts. Completed current Business Process Analysis and established Use Case Models as basis for
- User-Centered Design to document interface, functional, business, and data requirements.
- Created design to convert existing system to n-tier client-server web-based system using SOA and MVC architectural design constraints.
- Received training in UML, REXX, and IBM Rational Requisite Pro.

**Neoris Lowe's Home Improvement – Wilkesboro, NC
Sr. Software Engineer**

August, 2007 – December, 2008

- Performed extensive business process analysis and developed detailed systems requirements. Determined user, functional and interface requirements through facilitated user elicitation sessions, JAD sessions, and extensive prototyping.
- Developed Use Cases via Unified Modeling Language (UML). Responsible for completion of all phases of SDLC, including code & unit testing, creation of Business, High Level, and Detailed Software Solution Design documents; Coded, tested and implemented the COBOL program to edit and transform IMS segments into DB2 rows to load into tables for the Dental Consumer Database using DB2 utility DSNUPROC.
- Creation of unit, system, integration and validation test plans; and development and management of project timelines in addition to ensuring compliance with Sarbanes-Oxley (SOX).
- Worked closely with users to validate systems and complete user acceptance testing
- Efforts also included database modeling and querying. Projects varied in technology implementations and included IBM z/OS Mainframe (COBOL, DB2, JCL, CICS, Stored Procedures), SYSDBASE, Java WebSphere (Java, DB2/UDB, Ultra Edit, Putty, SQL Tools), XML, Z/OS, ZSeries, Librarian.
- DB2, CICS, VSAM, IMS DB/DC, Roscoe, Datacom, Firewall Changes and 3rd Party Data Transmissions (FTP, PGP Encryption, MQ Series, Bizlink).

Pemberton Consulting Co.

March, 2004 – August, 2007

- President responsible for developing business and executing contracts. Completed several short-term consulting engagements with various clients such as American Express, Modis, Hartcourt Publishers, Ciber, Pearce Financial, and various non-profit groups.
- Skills used: IBM z/OS Mainframe: Systems analysis and Quality Assurance, COBOL, DB2, SAS, Fileaid, Easytrieve, JCL, SQL, and Syncsort.
- Desktop/Server: System Administrator, hardware/software builds/installs, MS Server IIS, MS SQL Server, Citrix Admin, MS Access, MS Office, and Crystal Reports.

**Verizon Wireless Co.
Senior Programmer Analyst**

July, 2001 – February, 2004

- Responsible for maintaining and enhancing Customer Billing Systems using IBM z/OS, COBOL 370, DB2, IMS DB/DC, CICS, and JCL. Interfaced with internal customers to develop and document requirements in UML/Use Case format.
- Additional responsibilities included design/creation of new performance reporting system using MS VBA, MS SQL Server, FTP, COBOL, DB2/SQL/Stored Procedures, & JCL.
- Responsible for creating 2-tier system to report system performance, inserting data into DB2 repository on weekly basis, summarizing the data and shipping via FTP to LAN for VBA reporting.
- Received training in HTML, XML, and JAVA. Connect Direct NDM

**Computer Horizons Corp, American Express Co.
Sr. Software Engineer/Consultant**

May, 1996 – July, 2001

- Responsible for legacy mainframe marketing systems conversion to data warehouse/data mart with client server/web-based reporting (COGNOS) through ETL practices. Used IBM z/OS, COBOL 370, DB2, IMS DB/DC, CICS, JCL, Extra, Lotus Notes, MS Windows '95/98/2000 and MS WORD/EXCEL, Visual Basic, COGNOS, UNIX Scripts and VISIO.
- Subject Matter Expert responsible for coaching and developing Indian Offshore Teams.
- Also, used Documerge, Connect Direct NDM, and SAS, File Aid and Expeditor.

**Cutler/William's Information Systems, State Of Florida
Sr. Software Engineer/Consultant**

July, 1995 - July, 1996

- Responsible for implementing 120 node, Novell/Windows Client/Server Local Area Network. Monitored LAN usage, developed backup and restore functions, setup new users, coded batch files, installed software, setup hardware and assisted application developers, using Novell 3.x, MS Windows 3.1, Microfocus Cobol, cc: Mail, Visual Basic, and MS Access. Also, developed/enhanced IBM z/OS mainframe applications using COBOL, DB2, IMS, CICS, TELON, and JCL.

**American Express Company, Inc.
Project Lead**

September, 1990 - June, 1995

- Supported Marketing Application Systems. Managed multiple IBM z/OS mainframe batch and online systems using COBOL, Microfocus COBOL, EASYTRIEVE, IMS, DB2, and JCL. Responsibilities included project management, cost reduction initiatives, system maintenance and enhancements.
- Was promoted twice from Programmer Analyst, to Programmer Analyst II, to Senior Programmer Analyst
- Connect Direct NDM and SAS.

**Arizona Public Service Co.
Sr. Programmer Analyst**

January, 1985 - September, 1990

- Supported accounting and financial systems COBOL, Microfocus COBOL, EASYTRIEVE, IMS, DB2, and JCL.
- Responsibilities included, conversion of Work Order Authorization system from MARK IV/V to native COBOL IMS DB/DC; Maintenance and enhancement of Accounts Payables System, Accounts Receivables (Dun & Bradstreet), Customer 1 Software System (Accenture), Budget, and General Ledger systems

Skill:

- Overall 6+ Year IMS DB Development Experience.
- Demonstrated recent hands-on IMS DB Experience (In depth knowledge of CBLTDLI call, DBD, PSB, Secondary index, Logical relationship, Sparse Index etc..)
- Demonstrated recent hands-on JCI experience (File handling, MF Utility (SORT etc...), File Encodings (UTF-8, EBCDIC)
- Demonstrated clear understanding of Hierarchical and Relational Data Bases
- Recent COBOL Development Experience with ability to write code from scratch.
- Any Batch scheduler (Control M)
- IMS TM

- Hands-on experience with MS SQL Server (Preferred) or other similar relational DBs.
- Familiarity with .NET or Java development in a working environment.

Education & Certifications:

- Arizona State University - December, 1986 Bachelor's degree in Business Administration, Computer Information Systems.

Technical Skills:

- Project management tools and techniques; Microsoft products, including Excel, Word, Project, Visio, PowerPoint; IBM z/OS MVS, WLM, JCL, ISPF/TSO, COBOL, Microfocus COBOL, DB2/UDB, Stored Procedures, IMS DB/DC CICS, EZTRIEVE, ZEKE, ZARA, SYNC SORT, EXPEDITOR, FILE-AID, FILE-AID2, IDCAMS, SQL, SPUFI, TERADATA SQL Assistant, Princeton Softech Relational Tools, BMC DB2 Utilities, Unix, Ultra Edit, Putty, ConnectDirect NDM, SAS, Systems analysis and design

Summary:

- Candidate is a US Citizen, local to Fairfax, VA and interested to work in Charleston, WV.
- More than 25 years in Design, Analysis, development, Testing and implementation of Business software applications, product and services, ON-LINE and BATCH Processing Systems.
- Excellent knowledge of Transforming of Business requirement to Technical Specifications.
- Excellent knowledge of Mainframe (Unisys, IBM and UNIX), DMS/RDMS, IMS, Oracle, PL/SQL, COBOL74/85, ACOB, ECL, DPS, TIP, HTML, Java Script, Structured Program Design Skill.
- Excellent Functional knowledge of Finance/Banking / Manufacturing /Federal and state Govt. Agency Applications.
- SCRUM / Agile Methodology.
- A self-motivated problem solver and team player with excellent communication skills, oriented towards customer satisfaction.
- Worked for Clients like GSA (General Service Administration) Federal Govt. Agency in DC, NY State Govt. Agency (OTDA BICS-WMS Project), DCJS (Department of Criminal Justice), UNISYS CORPORATION, Peoples Bank, HSBC, CITI Bank, Capital One and many others.
- Expertise in sound judgment and involve stakeholders in decision making. Expertise in Leading technical requirements gathering sessions and perform complex development with a high level of quality, Work closely as part of team with our customers and internal Project Managers, Enterprise Architects, Business System Analysts and other Developers.
- Expertise in providing production support (24X7) by handling complex issues and change requests.
- Excellent knowledge in Project/Time Management principles and Project Planning skills
- Involved in using different project life cycles, Project / Risk Management in developing the applications.
- Performed as Onsite – Offshore Coordinator in managing the projects.
- Experienced in Unit Testing and in System Integration Testing. Designed test cases on modules according to the requirements and development standards.

Professional Experience:**AKS Software Ltd, VA****Jan 2019–Present****Senior IT Consultant/Architect**

- Mainframe, (UNISYSZ/OS), DMS/RDMS, COBOL, Assembler, CICS, MQ, VSAM, JCL, TSO/ISPF, REXX, LDAP, HTML, XML, WSDL, Easytrieve, Endeavor, Xpeditor, SBM, Windows-NT, MS-Office, Visio, MS Visual studio
- System Requirement Study with customer / End User(s)
- Preparation of design document, Program Specifications, Data Flow Diagrams
- Maintenance of existing Cobol Programs, running with DB2 (Database)
- CICS Optimization, CICS Architectural Analysis & Design
- Program testing, debugging and data validation, SQL Error Handling
- Developed DB2 Stored procedures, Triggers and used extensively in Cobol Programs.
- Program Testing, Preparation of Test Plan, Unit , System and Integration Testing
- Independently Program Error handling and providing solution.
- Implementation and customer feedback, Performance monitoring and Review.

Leading Bank (Retail Manufacturing Application)**Lead Analyst**

- Environment: Mainframe, DMS/RDBMS (Data Base), COBOL74, UNIX/Linux Shell Programming Windows-NT, MS-Office, Visio, MS Visual studio
- Development /Maintenance of COBOL programs
- Requirement Study, Preparation of Design Document
- Unit & System Integration Plan Document, Test Cases

- Development of shell scripts
- Program Testing, Debugging and implementation.
- Change Management /handling System Change request through SBM (Serena Business Manager)

Lockheed Martin, Arlington, VA

October 2008 - December 2019

Senior Programmer/Analyst

- Environment : Unisys Mainframe, DMS/RDMS 1100/2200(Data Base), COBOL, PL/SQL, ECL, TIP, DPS, Unisys Shared File System (SFS) FTP/ sFTP, WSDL, WebServices, EasyTrieve ORACLE, PL/SQL, JavaScript, SBM, Windows-NT, MS-Office, Visio, MS Visual studio
- System Requirement Study, Program Analysis, Coding, Testing, Debugging
- Analysis of COBOL 74/85 programs running on Mainframe.
- Users Interaction to discuss their Requirements and to provide best feasible solution to meet their requirements.
- Maintenance of existing Cobol Programs, running with DMS (Database), Agile Methodology.
- Program testing, debugging and data validation.
- GSA using application on UNISYS Mainframe, COBOL, DMS/RDMS ECL, for maintaining and new developments to track Vendor payments against all purchases.
- GSA wanted to develop fresh COBOL programs to find out the list of vendors whose contracts are being terminated and send them System generated e-mail
- Used TIPQ, LogAnalyzer / SumLog for program Testing and debugging
- Developed Triggers/Stored Procedures in ORACLE
- Program Testing, Preparation of Test Plan, Unit , System and Integration Testing
- Handled individual tasks and deliverable components in order to complete projects on schedule
- OLTP services development experience, Development / Maintenance of COBOL Batch programs.
- Actively involved in performing unit tests, Integration testing and user Acceptance tests.

Aimtech Solutions, Albany, NY

January 2008 – September 2008

Sr. Programmer/ Analyst

- Environment: Unisys Mainframe, DMS/RDMS1100/2200 (DORADO), DPS, COBOL74/85, PL/SQL, ECL, TIP, ORACLE, Triggers/Stored Procedures, Crystal Reports, Windows-NT, MS-Office
- System Requirement Study, Program Analysis, Coding , Testing
- Analysis of COBOL 74/85 programs running on UNISYS 1100/2200 Mainframe
- Development of System Use case from Legacy Use Case
- Users Interaction to discuss their Requirements and to provide best feasible solution to meet their requirements
- Maintenance of existing Cobol Programs running with DMS/RDMS(Database)
- DCJS using application on UNISYS Mainframe COBOL, DMS/RDMS for signature verification, Name check etc., a requirement for Federal government
- Project Risk/Time Management, Project Monitoring.
- All System Use cases preparation with the help of DCJS SME's (Subject Matter Experts)
- The objective of this conversion project is to improve Performance Accountability Measures, timeliness of case processing and completeness of disposition

NY State Govt. Project (OTDA) through Aimtech Solutions, NY

January 2006 – December 2007

Sr. Programmer/ Analyst (Lead)

- Environment: Unisys Mainframe2200 (DRADO)DMS/RDMS (Data Base), DPS, COBOL74, ECL, TIP, DPS, Crystal Reports Windows-NT, MS-Office
- Responsibilities
- System Requirement Study, Program Analysis, Coding, Testing
- Project program scheduling and tracking.
- Users Interaction to discuss their Requirements and to provide best feasible solution to meet their requirements.
- Unit, System Integration testing of new programs
- Development of fresh common procedures useful for other COBOL74 programs.

- Development of New Module – Vendor Receivable to the existing BICS (Benefit Information Control System).
- Incorporation of new VR-AREA (Common) in DMS/RDMS.
- Development of JAVA, HTML, XML, for screen design in UNISYS MCP environment.
- To make application more flexible towards VENDOR Payments in the existing WMS (Welfare Management System – BICS).
- Expertise in Program debugging using TIPQ.
- BICS application is used to take of the assistance provided by State government for child welfare /temporary Disabled persons (BICS, A module of WELFARE MANAGEMENT SYSTEM).
- A NY state government project to provide and track of the payments / Contractor receivables.

Unisys Corporation, Canton, MI through Hexaware Technologies March 2005 - December 2005

Sr. Programmer/ Analyst, On site coordinator

- Environment: Unisys, Mainframe, COBOL74/85, TIP, ECL, Mapper, EasyTrieve, Windows-NT, UNIX, FTP, TCP/IP, DARGAL, InfoSuite. MS-Office
- Understanding existing application and knowledge transfer to off-shore team members.
- Preparation of Knowledge transfer document, to be approved by UNISYS FUNCTIONAL ANALYST. (SMEs)
- To Provide Production support for DAY-TO-DAY operational / technical problems.
- Maintenance / Development of Fresh Programs in COBOL 74/85, DMSII, as per the fresh requirements
- Development of Data Retrieval Programs. Adding / Altering/ Deleting Data Records in DMSII Database using COBOL 74/85.
- AGILE/SCRUM Development Methodology
- A Business Outsourcing Project to maintain BAMCS (Business And Manufacturing Control System)
- BAMCS (Business and Manufacturing Control System) is being used worldwide by UNISYS for their manufacturing / support requirements.
- Use of MAPPER for transferring files
- Development of fresh DML queries for day-to-day requirements of extracting DATA from DMS database.
- Develop fresh queries using DARGAL / URSA to Extract Data from UNISYS DMS Database.

Peoples Bank through Kaizen Technologies, Bridgeport, CT August 2002 – January 2005

Lead Programmer/Analyst

- Environment: Unisys Mainframe (), IBM COBOL74/85, COMS/GEMCOS, ECL, XGEN, Windows-NT, UNIX, FS-Rapid, FTP, TCP/IP, DARGAL, ON-Demand. InfoSuite. EasyTrieve, MS-Office
- Responsibilities
- Maintenance of Existing Application & Fresh Development of COBOL 74/85 programs.
- Integration of Commercial Loan module with other Modules.
- SCRUM Development Methodology
- Integration of Commercial Loan system with PBP (Pay by Phone) module
- File Transfers between IBM to UNISYS for DAY END processing
- Peoples Bank, C.T. uses GFS (Global Financial System) for their Retail Banking Applications.
- GFS was developed by UNISYS Corp. during 1980.
- Project was involved in incorporating new functionality as per the user's requirement.
- Peoples wanted to develop a fresh module – EFT (Electronic Funds Transfer)
- Project involved in development of fresh as well as modifications in existing COBOL programs / Screens
- (XGEN) for PAY-BY-PHONE module (part of EFT module)
- Project also required some enhancements in Commercial Loan Applications (CLA) Module.
- Redesigned Commercial Loan Application Processing Programs with integration to CIS (Customer Information System) module
- Modifications in Lender Referral request form for Commercial Loan.
- Developed New reports showing Loan Aging, Mortgage Rates variations

Hong Kong & Shanghai Banking Corp
Lead Analyst

July 1996 - March 2002

- Environment: UNISYS, DMS/RDMS, UNIX, ECL, COBOL, FS-Rapid, FTP, On- Demand, Micro focus Cobol, MS-Office, Windows-NT. Visio
- Responsibilities
- Study of the Existing System and COBOL Programs.
- Unit level of testing so that no "A" or "B" category bugs exists, "C" category bugs were known bugs and were mentioned in Program Release Note.
- New Dataset Creation and upload Data from Flat files to DMS-II-DBMS, with Proper Validation Checks
- Fresh Complex COBOL Program Development, converted existing Unstructured COBOL Programs to Structured Efficient Programs, COBOL Programs Code-walk through to check Efficiency of
- Programs. Responsibility of maintaining version Control using BL-Source, Mock Testing of the system before releasing to Production Environment
- Acceptance testing with the criterion defined in the TEST PLAN, System Testing, Quality Assurance, Configuration Management and Documentation.
- To Understand and Clarify the Program specifications (including Screens) given by Project Manager,
- Data Flow Diagrams from the Program specifications and from the existing documentation of the software
- Unisys COBOL Programs Maintenance & Unit Testing for incorporating Enhancements
- Proper Y2K testing of each and every Program before releasing to Production Environment
- Program approval from QA and Acceptance testing before releasing to Production.
- Program Documentation and Technical Documentation describing functionality of each and every program

AKS Software Pvt. Ltd. India

July 1989 - Mar 1996

Sr. Programmer / Analyst

- Environment: ORACLE 7.13, UNISYS 2200, C, PL / SQL, MF-COBOL, Windows 3.1/ 95, MS-ACCESS, MS-WORD, MS-Excel, Visio
- Requirement Study.
- Preparation of design document, Program Specifications
- Preparation of Data flow diagrams, Block Diagrams and program specifications
- Program development, test cases and unit testing

Education:

- B.S. in Electronics Engineering from National Institute of Technology Warangal, India

Technical Skills:

- Operating Systems: UNISYS Mainframe OS 2200 (DORADO) IBM, UNIX, LINUX, Windows, DOS
- Programming Languages: COBOL-74/85, PL/SQL, ECL, TIP, DPS, Visual Basic, JAVA, JavaScript, ON-DEMAND, SQL
- Database: DMS/ RDMS (UNISYS, Network Model), DB2, ORACLE, IMS, IDMS, MS-SQL Server, UNIFY, MS Access
- Tools / Utilities Programmers Work Bench, ECL, MS Visual Studio Integrated Development Environment (IDE), Erwin, Adobe Dreamweaver, Visio 2000
- Methodology / Technology: SSAD, OOPS (Object Oriented Programming), SCRUM Development Methodology, Agile Methodology

Summary

- Candidate is a US Citizen local to Dallas TX and willing to work at Charleston WV
- 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.
- Source Code Management: ISPW - Manage all the COBOL code including the Copybooks, CICS MAPs etc.
- Written APIs for connecting with DB2 on Mainframe side. These APIs are consumed by Java code.
- Proficiency in converting JCL into any other scripts like SQL Server Jobs/Windows Scripts
- 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.
- 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.
- Analyze maintenance requests, identify issues and gaps for root cause fixes covering COBOL programs.
- Support Application Modernization and Development covering SDLC process covering COBOL portfolio of applications.
- Build and deploy COBOL and CICS application programs.
- Identify essential application documents and study and come up with finding on improvement opportunities covering COBOL programs.
- 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.
- Technical Environment: Mainframe: zOS, COBOL, JCL, DB2 SQL, QMF, Stored Procedures, VSAM, CICS, IBM MQ Series

Professional Experience:**TCS – Macys, Dallas TX (Remote)****Jul 2021 to Oct 2023****Technical Lead**

- **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 - Manage all the COBOL code including the Copybooks, CICS MAPs etc.
- 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.

**Infosys – Verizon, Irving TX
Technology Lead**

Dec 2019 to Jun 2021

- 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 - Manage all the COBOL code including the Copybooks, CICS MAPs etc.
- 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 Programming 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.

**Tech Mahindra – AT&T, Plano TX
Technical Lead (Mainframe)**

Sep 2019 to Nov 2019

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

**Wipro – PNC Bank, Pittsburgh PA
IT Systems Analyst / Mainframe**

Mar 2019 to Sep 2019

- Execution Methodology Application assessment engagement

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

**Illinois Department of Transportation (IDOT), Springfield IL
Technical Manager-III**

Oct 2017 to Nov 2018

Current Projects:

- Employee Portal (EP) – C#.Net
- Construction and Materials Management System (CMMS) - VB.Net
- Vendor Portal – VB.Net
- Integrated Disadvantaged Business Enterprises (IDBE) – C#.Net

Role / Responsibilities:

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

**Infosys – Hallmark Cards Inc., Kansas, MO
Technology Lead**

May 2017 to Sep 2017

- Execution Methodology - Agile/Scrum
- 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.
- 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 Programming 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.

Infosys - Horace Mann Educators, Springfield, IL

Aug 2016 to Mar 2017

Technology Lead

- Execution Methodology- Agile/Scrum
- Technical Environment: Mainframe: zOS, COBOL, JCL, DB2 SQL, QMF, Stored Procedures, VSAM, CICS, IBM MQ Series
- Tools used: Endeavor/Endeavor, EXPEDITOR, File Aid, Abend-Aid, Quality Center, SharePoint, PivotalTracker
- **The DOL project:** In the event of Department of Labor's (DOL) recent new regulatory rules of Fiduciary, Horace Mann Educators (HM) have taken up this project to make their systems compliant with the new ruling. This new rule expands the "investment advice fiduciary" definition under the Employee Retirement Income Security Act of 1974 (ERISA) modifying the complex prohibited transaction exemptions for investment activities considering that expanded definition. As part of this exercise at a high level, this project will introduce seven new Annuity products effectively April 2017. These are FIA EA, FIA IA, VA, MYGA, DIA, SPIA, and GUFA.

Achievements:

- 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.
- Analyze batch jobs through Control-M Tool in Mainframe.
- Analyze status of Daily & Weekly Batch Cycles for completion as needed.
- Application Programming 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.

**NTT Data Ltd – Internal Projects, Hyderabad, TS, India
Project Lead**

Jan 2015 to Jul 2016

- Technical Environment: Mainframe, zOS, Java, VB.Net, SharePoint, QTP and Selenium based scripting - (SOAP/Restful Web Service)
- Collaborated with diverse teams from different locations with different skill sets and grades
- Mentored and coached eight junior leads bringing them to a level where they can do client coordination, requirement management, resource planning and cost management etc.
- Coordinated and offered guidance to project teams covering PMs, BAs, QAs and SMEs
- Identified and managed project risks, issues and conflicts efficiently.
- Planned training programs meeting the specific needs of both Global Resource Management (an internal function for fulfilling the skill demand) and the individual resource career aspirations.
- Achieved the productivity goals of 35% resource utilization set by the management.
- Streamlined project execution process overcoming the various challenges viz., technology environment availability, resource commitment, coordination issues with various supporting functions.
- Developed and maintained Knowledge Repository on a continuous basis keeping it current and up to date.
- 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 – Supported in planning and executing the annual DR plans.
- Attained exposure to Microfocus COBOL (MF COBOL) components as part of migration opportunity.

**NTT Data - CSX Transportation, Hyderabad, TS, India
Technical Lead**

Jan 2006 to Dec 2014

- 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
- The Project: NTT Data provides maintenance and support for the Transportation Management System (TMS) under its global delivery model from both onsite and offshore. TMS is an integrated transportation management system for CSX.
- It runs on the Mainframe network of CSX Corporation and covers the automation of transportation and other operations of CSX involving several mission-critical systems that require round-the-clock support.
- Further NTT also undertakes customized enhancements/development projects and staffing requirements meeting CSX's ever-changing business needs.
- Freight Billing Application (a COBOL application): The freight bill component provides a flexible mechanism to bill customers for freight and related shipment charges. Freight bills may be issued in a variety of formats, may be generated for a specific customer on a specific day of the week or month, maybe grouped onto a summary bill and maybe transmitted electronically. Corrected freight bills balance due bills and rebills are processed and on-line management reports are generated to detail the activities performed.

- Supported this application as a SME and improved the application stability by doing root-cause analysis (RCA), bringing down the ticket count from 1000 to mere 600 per month.
- Lean Assessment and Implementation: Actively participated and implemented Lean processes gaining multi-year targeted efficiency for the organization spread across the shores and shown saving of \$ 30,000.00 of bottom-line gains per annum.
- Customer Satisfaction: Achieved the Sev-1/2/3 Support SLAs as per SOW mandates gaining a customer satisfaction index of 4.5 on a scale of 1-5 with 5 being the high consistently for the last 8 years.

Continuous Improvement:

- Planned and conducted RCAs for production issues bringing down the problem ticket count from 800 to 600 per month achieving significant application stability.
- Managed and executed innovation programs achieving 100+ ideas on various themes resulting in big revenue benefits to NTT as well as the client.
- 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.

Storage Management and DASD:

- 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.

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.

Education:

- 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)

Certifications & Training:

- 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

Core Competencies

- 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.

Training Attended / Certifications:

- 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

Methodologies:

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

Honored with:

- Long Service Award – on completion of 15 years of service – NTDATA – Sep '2012
- Long Service Award – on completion of 13 years of service – NTDATA – Sep '2010
- Managerial Excellence Award in 2005 at NTT Data India Ltd.
- Appreciation for contributions in achieving CMMI Level 5 – June 2004.
- Individual Special Award for Exceptional Performance for COBOL Conversion Project – in June 2002
- Associate Performance Award Plan - 1999
- Certificate of Excellence in 1998 at NTT Data Inc, US
- Long term productivity bonus award in 1997 at NTT Data India Ltd.



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

**State of West Virginia
 Centralized Request for Quote**

Proc Folder: 1381091		Reason for Modification:	
Doc Description: Mainframe Application Programmer Technical Staffing Services		Addendum No. 5	
Proc Type: Central Master Agreement			
Date Issued	Solicitation Closes	Solicitation No	Version
2024-03-26	2024-04-02 13:30	CRFQ 0802 DMV2400000003	6

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code: VS0000045332
Vendor Name : Sun Technologies, Inc
Address : 3700 Mansell Road, Suite 220
Street :
City : Alpharetta
State : Georgia **Country :** USA **Zip :** 30022
Principal Contact : Beena George
Vendor Contact Phone: 7703619921 **Extension:**

FOR INFORMATION CONTACT THE BUYER

David H Pauline
 304-558-0067
 david.h.pauline@wv.gov

Vendor Signature X *Beena George* **FEIN#** 58-222-4107 **DATE** 04/01/2024

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

ADDITIONAL INFORMATION

Addendum No. 5

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

No other changes.

INVOICE TO**SHIP TO**

DIVISION OF MOTOR
 VEHICLES
 5707 MACCORKLE AVE. S.E.,
 SUITE 200

CHARLESTON WV
 US

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

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

Comm Code	Manufacturer	Specification	Model #
81111600			

Extended Description:

See Exhibit "A"

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

SCHEDULE OF EVENTS

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

SOLICITATION NUMBER: CRFQ DMV2400000003
Addendum Number: 5

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

Applicable Addendum Category:

- Modify bid opening date and time.
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Description of Modification to Solicitation:

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

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

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

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

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

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

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

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

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

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

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

A4. Yes. No specific requirements or formats.

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

A5. No. Smart Shared Services.

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

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

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

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

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

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

A8. No

Q9. Please confirm the anticipated number of awards.

A9. One

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

A10. Yes

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

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

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

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

Q13. Can the work be performed remotely?

A13. No

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

A14. Yes

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

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

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

A16. Yes

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

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

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

A18. No

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

A19. Yes

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

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

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

A21. Upon award.

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

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

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

A23. There is no such requirement.

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

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

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

A25. Eight FTEs are not required.

No.

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

A26. One per candidate. See Specifications, Section 3.1

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

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

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

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

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

A29. There is no requirement for this.

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

A30. At least one per candidate.

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

A31. Yes, See Specification 5.1.4

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

A32. See Specifications Section: 3

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

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

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

A34. See instructions to vendors submitting bids.

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

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

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

A36. This information will not be provided.

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

A37. Six (6)

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

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

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

A39. Smart Shared Services.

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

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

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

A41. See **A40**

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

A42. See **A7**

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

A43. None

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

A44. No

Q45. How many vendors do you intend to award?

A45. One

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

A46. Yes, provided they meet specifications.

Q47. How many interviews happen prior to offer?

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

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

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

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

A49. One

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

A50. This information will not be shared.

Q51. Is this an old contract or new contract?

A51. New contract

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

A52. Upon award.

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

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

Q54. How many resumes are we supposed to submit?

A54. One per candidate.

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

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

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

A56. See A7 and A15

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

A57. No

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

A58. See A40

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

A59. Six (6)

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

A60. Please see Specifications Section: 6.1.

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

A61. Yes

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

A62. No

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

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

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

A64. See A28

Q65. Could you please provide the list of holidays?

A65. See Attached Calendar or use the link below.

<https://wvtreasury.com/Portals/wvtreasury/content/About%20the%20Office/Contact/Treasurer%20Calendar%202024%20wvOASIS%20Portrait.pdf>

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

A66. No

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

A687. One per candidate

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

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

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

A69. Onsite

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

A70. See instructions to vendors submitting bids.

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

A71. Yes

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

A72. See Specifications Section: 3.5.

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

A73. New

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

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

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

A75. One per candidate

Q76. Interviews will be conducted in person/virtually.

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

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

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

A77. Mandatory

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

A78. See instructions to vendors submitting bids.

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

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

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

A80. Yes, Smart Shared Services.

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

A81. See A7

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

A82. See A15

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

A83. Six (6)

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

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

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

A85. See A15

Q86. Is there any local preference for this contract?

A86. No

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

A87. This will not be shared.

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

A88. No

Q89. Is sub-contracting required for this contract?

A89. No

Q90. How many vendors agency is planning to select?

A90. One

Q91. Is there any Performance Bond for this contract?

A91. No

Q92. What is the mainframe system?

A92. DB2/CICS, IBM Enterprise Database

Q93. What is the language used to support?

A93. Cobol

Q94. On site or remote?

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

Q95. Years of experience required?

A95. See Specifications Section: 3

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

A96. See A15

Q97. What is the tentative budget for this project?

A97. This will not be provided.

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

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

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

A99. One per candidate

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

A100. There is no additional bid packet.

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

A101. No

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

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

A102. No

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

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

A103. Yes

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

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

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

A105. See Specifications Section: 3.

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

A106. No

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

A107. No

Q108. Is any travelling involved for these positions?

A108. No

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

A109. See A28

Q110. Will there be a pre bid meeting?

A110. See Section 3 instructions to vendors submitting bids.

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

A111. See instructions to vendor submitting bids.

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

A112. See instructions to vendor submitting bids.

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

A113. There is no limit.

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

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

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

A115. Yes

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

A116. See A28

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

A117. No

Q118. What is the overall budget for this contract?

A118. This will not be provided.

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

A119. No

wvOASIS Biweekly Pay Schedule

West Virginia State Treasurer's Office

2024



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



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

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

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

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

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

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

- Holidays As Designated by WV Code §2-2-1**
- 01/01/2024 Monday – New Years Day
 - 01/15/2024 Monday – Martin Luther King Day
 - 02/19/2024 Monday – Presidents' Day
 - 05/14/2024 Tuesday – Primary Election Day
 - 05/27/2024 Monday – Memorial Day
 - 06/20/2024 Thursday – West Virginia Day
 - 07/04/2024 Thursday – Independence Day
 - 09/02/2024 Monday – Labor Day
 - 10/14/2024 Monday – Columbus Day
 - 11/05/2024 Tuesday – General Election Day
 - 11/11/2024 Monday – Veterans Day
 - 11/28-29/2024 Thursday & Friday – Thanksgiving Holiday
 - 12/24/2024 Tuesday – Half-day, Christmas Eve
 - 12/25/2024 Wednesday – Christmas Day
 - 12/31/2024 Tuesday – Half-day, New Year's Eve

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

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: 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.

Sun Technologies, Inc

Company

Beena George

Authorized Signature

04/01/2024

Date

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