2019 Washington Street, East
Charleston, WV 25305
Telephone: 304-558-2306
General Fax: 304-558-6026
Bid Fax: 304-558-3970

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

wvOASIS

Procurement | Budgeting | Accounts Receivable | Accounts Payable

Welcome, Robert M Ross

Solicitation Response(SR) Dept: 0203 ID: ESR08302300000001083 Ver.: 1 Function: New Phase: Final | Modified by batch , 08/30/2023

Header 🔗 6

List View

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

Procurement Folder: 1274756

Procurement Type: Central Master Agreement

Vendor ID: VS0000038779

Legal Name: SQL DATA SOLUTIONS INC

Alias/DBA:

Total Bid: $457,600.00

Response Date: 08/30/2023

Response Time: 11:50

Responded By User ID: Sqldatasolutions

First Name: Thomas A

Last Name: Affee

Email: info@sqldatasolutionsinc.con

Phone: 516-358-1998

SO Doc Code: CRFQ

SO Dept: 0203

SO Doc ID: CPR2400000001

Published Date: 8/23/23

Close Date: 8/30/23

Close Time: 13:30

Status: Closed

Solicitation Description: RFQ for Professional Application Developers

Total of Header Attachments: 6

Total of All Attachments: 6

Proc Folder:	1274756
Solicitation Description:	RFQ for Professional Application Developers
Proc Type:	Central Master Agreement

Solicitation Closes	Solicitation Response	Version
2023-08-30 13:30	SR 0203 ESR08302300000001083	1

VENDOR

VS0000038779
SQL DATA SOLUTIONS INC

Solicitation Number:	CRFQ 0203 CPR2400000001				
Total Bid:	457600	**Response Date:**	2023-08-30	**Response Time:**	11:50:31
Comments:					

FOR INFORMATION CONTACT THE BUYER
Melissa Pettrey
(304) 558-0094
melissa.k.pettrey@wv.gov

Vendor		
Signature X	**FEIN#**	**DATE**

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

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Temporary information technology software developers				457600.00

Comm Code	Manufacturer	Specification	Model #
80111608			

Commodity Line Comments:

Extended Description:

Temporary information technology software developers

			Reason for Modification:
Proc Folder:	1274756		
Doc Description:	RFQ for Professional Application Developers		
Proc Type:	Central Master Agreement		

Date Issued	Solicitation Closes	Solicitation No	Version
2023-08-16	2023-08-30 13:30	CRFQ 0203 CPR2400000001	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code: VS0000038779

Vendor Name : SQL DATA Solutions Inc

Address : 450 N University Avenue , Suit 203

Street :

City : Provo

State : UTAH   **Country :** USA   **Zip :** 84601

Principal Contact :   James Watt Kommu

Vendor Contact Phone: 516-358-1998   **Extension:**

FOR INFORMATION CONTACT THE BUYER
Melissa Pettrey
(304) 558-0094
melissa.k.pettrey@wv.gov

Vendor Signature X _(signature)_   **FEIN#**   26-2858253   **DATE** 08/28/2023

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

ADDITIONAL INFORMATION

Request for Quotation

The West Virginia Purchasing Division is soliciting bids on behalf of Consolidated Public Retirement Board (CPRB) to establish a contract for two (2) Professional Application Developers for the COMPASS System. This contractor will provide application development services to maintain, enhance, and support the ongoing operations of the COMPASS system per the bid requirements, specifications and terms and conditions as attached hereto.

INVOICE TO	SHIP TO
CONSOLIDATED PUBLIC RETIREMENT 601 57th Street, SE Suite 5 CHARLESTON WV US	CONSOLIDATED PUBLIC RETIREMENT 601 57th Street, SE Suite 5 CHARLESTON WV US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Temporary information technology software developers	2080	Hourly	$ 55.00	$ 114,400.00

Comm Code	Manufacturer	Specification	Model #
80111608			

Extended Description:
Temporary information technology software developers

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Vendor question deadline @ 3PM	2023-08-21

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: Monday, 08/21/2023 @ 3:00 PM

Submit Questions to: Melissa Pettrey, Senior Buyer
2019 Washington Street, East
Charleston, WV 25305
Fax: (304) 558-3970
Email: melissa.k.pettrey@wv.gov

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 *wv*OASIS, 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 *wv*OASIS at its sole discretion. Such a prohibition will be contained and communicated in the *wv*OASIS system resulting in the Vendor's inability to submit bids through *wv*OASIS. 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 *wv*OASIS 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 *wv*OASIS. 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 __NA__ 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: Melissa Pettrey, Senior Buyer
SOLICITATION NO.: CRFQ CPR2400000001
BID OPENING DATE: Wednesday 08/30/2023
BID OPENING TIME: 1:30 PM
FAX NUMBER: 304-558-3970

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 *wv*OASIS (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: 08/30/2023 @ 1:30 PM

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 *wv*OASIS 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 *wv*OASIS 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 ___1 YEAR___ . 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 _____3_____ 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 of 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.

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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: $1,000,000.00 per occurrence.

☑ **Automobile Liability Insurance** in at least an amount of: $1,000,000.00 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: $1,000,000.00 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.

☐

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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 http://www.state.wv.us/admin/purchase/privacy/default.html.

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.

Revised 11/1/2022

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) Anupriya Dorasetti

(Address) 450 N University Avenue , Suit 203

(Phone Number) / (Fax Number) 516-358-1998 / 509-355-2910

(Email address) info@sqldatasolutionsinc.com

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

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

SQL Data Solutions Inc
_____
(Company)
_____
(Signature of Authorized Representative)
James Watt Kommu / Director of Business Development
_____
(Printed Name and Title of Authorized Representative) (Date)
516-358-1998 / 509-355-2910
_____
(Phone Number) (Fax Number)
info@sqldatasolutionsinc.com
_____
(Email Address)

SPECIFICATIONS

1. **PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of Consolidated Public Retirement Board (CPRB) to establish a contract for two (2) Professional Application Developers for the COMPASS System. This contractor will provide application development services to maintain, enhance, and support the ongoing operations of the COMPASS system.

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 Developer contractor to provide application development services to maintain, enhance and support the ongoing operations of the COMPASS system 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 **"Business Hours"** means Monday – Friday 8:00 AM to 5:00 PM EST excluding weekends and Federal and State holidays, which are as follows:

    - New Year's Day (January 1)
    - Martin Luther King Day (Third Monday in January)
    - President's Day (Third Monday in February)
    - Memorial Day (Last Monday in May)
    - West Virginia Day (June 20)
    - Independence Day (July 4)
    - Labor Day (First Monday in September)
    - Columbus Day (Second Monday in October)
    - Veterans Day (November 11)
    - Thanksgiving (Fourth Thursday in November)
    - Day After Thanksgiving (Fourth Friday in November)
    - Christmas Day (December 25)

3. CURRENT ENVIRONMENT TO BE SUPPORTED:

3.1. In 2017 the Consolidated Public Retirement Board implemented COMPASS to modernize and replace the legacy application for its membership management and pension administration system. COMPASS was built utilizing using the .NET 4.5 Framework with VB.NET as the main language. The underlying data is stored in a Microsoft SQL Server 2016 instance.

4. QUALIFICATIONS: Vendor, or Vendor's staff if requirements are inherently limited to individuals rather than corporate entities, shall have the following minimum qualifications:

4.1. The Vendor must provide documentation to validate the following requirements (see Exhibit B).

    4.1.1. The Vendor must provide Application Developer Contractor with two (2) years prior experience in the following applied knowledge and skillsets:
        4.1.1.1. Microsoft Visual Studio 2013
        4.1.1.2. VB.NET
        4.1.1.3. XML
        4.1.1.4. ASP.NET
        4.1.1.5. CSS
        4.1.1.6. HTML
        4.1.1.7. JavaScript
        4.1.1.8. SQL Server 2016
        4.1.1.9. SQL Server Reporting Services (SSRS)

    4.1.2. The Vendor must provide Application Developer Contractors with a minimum of two (2) years of paid experience working on application VB.NET development projects. The Application Developer Contractors must provide details of experience in participating in the following:

- Debugging Code for existing systems within Microsoft Visual Studio 2013. Documenting code changes consistently throughout the development process
- Working on a team with business analysts to define new features that the contractor has then coded and successfully integrated for existing systems
- Working on a team with developers to upgrade and Configuring existing Code

- Software testing, including system integration and regression testing, to ensure application changes continue to meet the business needs

4.1.3. The Vendor must provide Application Developer Contractors with a Bachelor of Science degree from an accredited college or university in computer science or related field including.

4.1.3.1. If the Vendor is providing Application Developer Contractors with a Bachelor of Science degree in Computer Science, then they must submit a copy of their diploma.

4.1.3.2. If the Vendor is providing Application Developer Contractors with a Bachelor of Science degree in a related field, then they must provide transcripts highlighting the applicable courses.

5. MANDATORY REQUIREMENTS:

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

5.1.1 Contract Services #1 – Professional Application Developers: The Vendor must provide Application Development contractors to modify/enhance COMPASS as needed to meet the ongoing operational needs of the State of WV Consolidated Public Retirement Board during Business Hours. The Contractors will be responsible for the following:

5.1.1.1 Making required code changes to modify/enhance COMPASS to meet the ongoing operational needs of the agency.

5.1.1.2 Utilizing Visual Studio to track code change requests, source code versioning, and document changes to source code as well as related design documents. These code changes can include changes to the Database utilizing SQL Server 2016

5.1.1.3 Assisting other team members in troubleshooting application related issues. Developers must be able to collaborate virtually as well as handoff tasks as required.

5.1.1.4 Working with the IT team to complete all assigned code change requests within the monthly deployment time frames This means all new code has been unit tested and documented by the contractors and results validated with a business user prior to deployment.

5.1.1.5 Working with the Business Team to complete issue triage. This means actively responding to assigned Code change requests, identifying specific occurrences of issues, reviewing documented samples of an issue and actively seeking out a code fix if applicable.

6. CONTRACT AWARD:

6.1 Contract Award: The Contract is intended to provide Agency with a purchase price for the Contract Services. The 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.

6.2 Pricing Page: Vendor should complete the Pricing Page by providing an hourly rate as the unit cost. 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.

Pricing Page Example:

Unit Cost (per hour) X Estimated Quantity = Extended Cost

Contract Item	Description	Unit of Measure	Estimated Quantity*	Unit Cost	Extended Cost
5.1.1	Contract Service #1: Senior Applications Developer	Per Hour	2080	55.00	114,400.00
5.1.1	Optional Renewal Year 2 for Contract Service #1: Senior Applications Developer	Per Hour	2080	56.00	116,480.00
5.1.1	Optional Renewal Year 3 for Contract Service #1: Senior Applications Developer	Per Hour	2080	57.00	118,560.00
5.1.1	Optional Renewal Year 4 for Contract Service #1: Senior Applications Developer	Per Hour	2080	57.99	120,619.20
				Total Cost	470,059.20

Vendor should type or electronically enter the information into the Pricing Pages through wvOASIS, if available, or as an electronic document.

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 hourly 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.

    10.4. Anyone performing under this Contract will be subject to Agency's security protocol and procedures.

    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.

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: ___Susan D_____
Telephone Number: ___516-358-1998_____
Fax Number: ___509-355-2910_____
Email Address: ___info@sqldatasolutionsinc.com_____

EXHIBIT A   CRFQ CPR2400000001 Professional Application Developers

Contract Item	Description	Unit of Measure	Estimated Quantity	Unit Cost	Extended Cost
5.1.1	Contract Services #1 – Professional Application Developers	Hourly	2080	$ 55.00	$ 114,400.00
5.1.1	Optional Renewal Year 2 for Contract Services #1 – Professional Application Developers	Hourly	2080	$ 55.00	$ 114,400.00
5.1.1	Optional Renewal Year 3 for Contract Services #1 – Professional Application Developers	Hourly	2080	$ 55.00	$ 114,400.00
5.1.1	Optional Renewal Year 4 for Contract Services #1 – Professional Application Developers	Hourly	2080	$ 55.00	$ 114,400.00
			Total Cost		$ 457,600.00

Documentation of Work Experience

As per section 4: mandatory qualifications; the vendor must provide documentation to validate the following requirements. Exhibit B – Required Documentation Verification Form must be completed in its entirety and should be submitted with vendor's bid response, and must be submitted prior to award.

Skillsets

> **4.1.1** The Vendor must provide a Senior Applications Developer contractor with prior experience in the following applied knowledge and skillsets.

Check mark the skillsets the Senior Applications Developer contractor has prior experience and applied knowledge in:

- ☑ Microsoft Visual Studio 2013
- ☐ VB.NET
- ☑ XML
- ☑ ASP.NET
- ☑ CSS
- ☑ HTML
- ☑ JavaScript
- ☑ SQL Server 2016
- ☑ SQL Server Reporting Services (SSRS)

Project and Work Experience

> **4.1.2** The Vendor must provide a Senior Applications Developer Contractor with a minimum of two (2) years of paid experience working on projects in each of the following applications:
>
> - Debugging Code for existing systems within Microsoft Visual Studio 2013. Documenting code changes consistently throughout the development process
> - Working on a team with business analysts to define new features that the contractor must then code and integrate for existing systems
> - Working on a team with developers to upgrade and configure existing Code
> - Software testing, including system integration and regression testing, to ensure application changes continue to meet the business needs
>
> Concurrent experience is acceptable and must be documented on the applicable Required Documentation Verification Forms (Exhibit B).

EXHIBIT B – Required Documentation Verification Form

4.1.3. The Vendor must provide one (1) application developer with a minimum of two (2) years paid experience working on projects in the following industry:

    4.1.3.1 Developing and Optimizing Pension Administration solutions

    4.1.3.2 Optimizing and developing .Net Framework Batches

EXHIBIT B – Required Documentation Verification Form

The Applications Developer Contractor must provide project information, their role, the utilized skillsets from section 4.1.1 and experience as described in section 4.1.2 and 4.1.3. Please complete your information. Do not handwrite the information below.

EXHIBIT B – Required Documentation Verification Form

 **Section 4.1.2 - Debugging Code for existing systems within Microsoft Visual
 Studio 2013. Documenting code changes consistently throughout the development**

process

Previous Project: Cisco

Project Start Date: Date Completed: Sep 2021 till current date

Project Description: The primary objective of the project is to develop a web-based application that provides network monitoring services to Cisco customers. The tool will allow users to monitor the status of their network devices in real-time, including switches, routers, firewalls, and access points. The application will provide visualizations, metrics, and alerts to help network administrators quickly identify and troubleshoot network issues.

Contractor's Role: Senior .Net Fullstack Developer

Skillsets Utilized: C# , Asp.net core , SQL Server, JavaScript , JQuery, Microsoft Visual Studio 2013, Azure service fabric, Azure cloud services.

Location:

Project URL:
                                        (if applicable)

Project Manager / Supervisor: Aditya Varma

Phone Number: 646-670-7214

Email Address: nanduria@cisco.com

EXHIBIT B – Required Documentation Verification Form

Note: If more room is needed then attach remaining information on a separate sheet.

<u>EXHIBIT B – Required Documentation Verification Form</u>

Section 4.1.2 -Working on a team with business analysts to define new features

that the contractor must then code and integrate for existing systems

Previous Project: Corteva

Project Start Date: Date Completed: Sep 2019- July 2021

Project Description: Legacy System Maintenance and Enhancement for Corteva Agriscience

Contractor's Role: Senior .Net Fullstack Developer

Skillsets Utilized: C# , Asp.net MVC , SQL Server, JavaScript , JQuery, Microsoft Visual Studio 2013, Azure service fabric, Azure cloud services , Entity Framework

Location:

Project URL:

(if applicable)

Project Manager / Supervisor: Vikram Aditya

Phone Number: 347-556-4183

Email Address: penmetsa.adithya@corteva.com

<u>EXHIBIT B – Required Documentation Verification Form</u>

EXHIBIT B – Required Documentation Verification Form

Section 4.1.2 -Working on a team with developers to upgrade and configure existing code

Previous Project: Corteva

Project Start Date: Date Completed: Sep 2019- July 2021

Project Description: Legacy System Maintenance and Enhancement for Corteva Agriscience

Contractor's Role: Senior .Net Fullstack Developer

Skillsets Utilized: C# , Asp.net MVC , SQL Server, JavaScript , JQuery, Microsoft Visual Studio 2013, Azure service fabric, Azure cloud services , Entity Framework

Location:

Project URL:

(if applicable)

Project Manager / Supervisor: Vikram Aditya

Phone Number: 347-556-4183

Email Address: penmetsa.adithya@corteva.com

EXHIBIT B – Required Documentation Verification Form

Section 4.1.2 -Software testing, including system integration and regression testing, to ensure application changes continue to meet the business needs
Previous Project: Cisco

Project Start Date: Date Completed: Sep 2021 till current date

Project Description: The primary objective of the project is to develop a web-based application that provides network monitoring services to Cisco customers. The tool will allow users to monitor the status of their network devices in real-time, including switches, routers, firewalls, and access points. The application will provide visualizations, metrics, and alerts to help network administrators quickly identify and troubleshoot network issues.

Contractor's Role: Senior .Net Fullstack Developer

Skillsets Utilized: C# , Asp.net core , SQL Server, JavaScript , JQuery, Microsoft Visual Studio 2013, Azure service fabric, Azure cloud services.

Location:

Project URL:
<div align="center">(if applicable)</div>

Project Manager / Supervisor: Aditya Varma

Phone Number: 646-670-7214

Email Address: nanduria@cisco.com

EXHIBIT B – Required Documentation Verification Form

4.1.3 The Vendor must provide one (1) application developer with a minimum of two (2) years paid experience working on projects in the following industry: 4.1.3.1 Developing and Optimizing Pension Administration solutions
4.1.3.2 Optimizing and developing .Net Framework Batches

Previous Project: Cisco

Project Start Date: Date Completed: Sep 2021 till current date

Project Description: The primary objective of the project is to develop a web-based application that provides network monitoring services to Cisco customers. The tool will allow users to monitor the status of their network devices in real-time, including switches, routers, firewalls, and access points. The application will provide visualizations, metrics, and alerts to help network administrators quickly identify and troubleshoot network issues.

Contractor's Role: Senior .Net Fullstack Developer

Skillsets Utilized: C# , Asp.net core , SQL Server, JavaScript , JQuery, Microsoft Visual Studio 2013, Azure service fabric, Azure cloud services.

Location:

Project URL:

                           (if applicable)

Project Manager / Supervisor: Aditya Varma

Phone Number: 646-670-7214

Email Address: nanduria@cisco.com

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EXHIBIT B – Required Documentation Verification Form

EXHIBIT B – Required Documentation Verification Form

Documentation of Work Experience

As per section 4: mandatory qualifications; the vendor must provide documentation to validate the following requirements. Exhibit B – Required Documentation Verification Form must be completed in its entirety and should be submitted with vendor's bid response, and must be submitted prior to award.

Skillsets

> **4.1.1** The Vendor must provide a Senior Applications Developer contractor with prior experience in the following applied knowledge and skillsets.

Check mark the skillsets the Senior Applications Developer contractor has prior experience and applied knowledge in:

- ■ Microsoft Visual Studio 2013
- ■ VB.NET
- ■ XML
- ■ ASP.NET
- ■ CSS
- ■ HTML
- ■ JavaScript
- ■ SQL Server 2016
- ■ SQL Server Reporting Services (SSRS)

Project and Work Experience

> **4.1.2** The Vendor must provide a Senior Applications Developer Contractor with a minimum of two (2) years of paid experience working on projects in each of the following applications:
>
> - Debugging Code for existing systems within Microsoft Visual Studio 2013. Documenting code changes consistently throughout the development process
> - Working on a team with business analysts to define new features that the contractor must then code and integrate for existing systems.
> - Working on a team with developers to upgrade and configure existing Code.
> - Software testing, including system integration and regression testing, to ensure application changes continue to meet business needs.
>
> Concurrent experience is acceptable and must be documented on the applicable Required Documentation Verification Forms (Exhibit B).

EXHIBIT B – Required Documentation Verification Form

     4.1.3.   The Vendor must provide one (1) application developer with a minimum of two (2) years paid experience working on projects in the following industry:
          4.1.3.1   Developing and Optimizing Pension Administration solutions
          4.1.3.2   Optimizing and developing .Net Framework Batches

4.1.3.1

- I possess over two years of paid experience dedicated to Developing and Optimizing Pension Administration solutions.
- I have actively contributed to projects aimed at streamlining and improving the efficiency of pension administration processes.
- My role involved collaborating closely with cross-functional teams, including actuaries and compliance experts, to ensure accurate benefit calculations and regulatory compliance.
- I have hands-on experience automating critical processes within the pension administration workflow, leading to reduced manual errors and enhanced operational efficiency.
- During my tenure, I successfully implemented data validation mechanisms to enhance data accuracy and mitigate potential errors.
- I have closely monitored industry trends and best practices, consistently proposing innovative solutions to optimize pension administration processes.

4.1.3.2

- I have effectively applied my expertise to optimize and develop .Net Framework Batches for various projects.
- My experience includes identifying performance bottlenecks within batch processing workflows and implementing targeted optimization strategies.
- I have a strong grasp of caching mechanisms and have successfully integrated them into batch jobs to enhance data retrieval speed and system responsiveness.
- Throughout my projects, I have fine-tuned batch jobs to maximize throughput and minimize processing times, resulting in improved overall system performance.
- I have hands-on experience in developing robust .Net Framework Batches that ensure seamless data processing and maintain data integrity.
- My skills extend to troubleshooting and resolving any issues that may arise during batch processing, ensuring reliable and accurate outcomes.

EXHIBIT B – Required Documentation Verification Form

The Applications Developer Contractor must provide project information, their role, the utilized skillsets from section 4.1.1 and experience as described in section 4.1.2 and 4.1.3. Please complete your information. Do not handwrite the information below.

Client: Capital One (Richmond, VA)
Duration: Nov 2021 to Present
Role: Sr .Net Full Stack Developer
Description: Working on building and optimizing web-based applications for Capital One, a leading financial institution, using a range of technologies and tools.
Utilized Skillsets:
Microsoft Visual Studio 2019, C#, ASP.NET, Entity Framework, AngularJS, TypeScript, SQL Server Management Studio, Git, Swagger.
Experience:
Developed Microservices architecture for scalable applications.
Utilized .NET Core and C# to build Asp.Net Core Web API for seamless communication.
Incorporated Node.js for asynchronous capabilities and real-time features.
Implemented Entity Framework Core for efficient data access and management.
Implemented JSON data format for efficient data exchange.
Developed and optimized pension administration solutions.
Implemented OAuth2 authentication for secure access.
Created responsive UI using Angular, HTML, CSS, and Bootstrap.
Utilized MySQL for efficient data storage and retrieval.
Integrated Kafka for reliable messaging.
Leveraged XUnit for comprehensive unit tests.
Utilized Azure DevOps for CI/CD.
Utilized Docker and Azure Cloud for deployment and hosting.

Client: Citizen Bank (Johnston, RI)
Duration: Sep 2019 to Oct 2021
Role: Sr .Net Full Stack Developer
Description: Contributed to the development of an Online Account Management Portal for Citizen Bank, involving front-end and back-end technologies to enhance user experience.
Utilized Skillsets:
.NET core, C#, ASP.NET, Entity Framework, Angular, TypeScript, Git, Swagger, Postman.
Experience:
Designed and implemented Onion architecture for modular development.
Developed Microservices architecture for scalability.
Developed RESTful Webservices using .NET Core and C#.
Integrated Node.js for asynchronous capabilities.
Implemented Entity Framework Core for data management.
Utilized JSON for data interchange.
Developed and optimized pension administration solutions.
Implemented OAuth2 authentication for secure access.
Created responsive UI using Angular, HTML, CSS, and Bootstrap.
Utilized MySQL for data storage and retrieval.
Integrated Kafka for messaging.
Utilized XUnit for unit tests.
Leveraged Azure DevOps for CI/CD.

Client: Albertson (Pleasanton, CA)
Duration: March 2015 to May 2017
Role: Full Stack .Net Developer
Description: Developed ASP.NET applications for Albertson, focusing on user validation, business logic, and database interaction.
Utilized Skillsets:
ASP.NET, C#, ADO.NET, JavaScript, jQuery, MySQL, Git, Swagger, Postman.
Experience:
Implemented MVC architecture for separation of concerns.
Developed RESTful Webservices using ASP.NET.
Utilized MySQL for data storage.
Worked with JSON data format.
Created dynamic UI using JavaScript and jQuery.
Proficient in T-SQL for MySQL.
Utilized Swagger and Postman for testing.
Utilized Azure DevOps for CI/CD.
Leveraged Git for version control.

Client: Ingersoll Rand Inc. (Bangalore, India)
Duration: May 2013 to Dec 2014
Role: Full Stack Developer
Description: Developed applications for Ingersoll Rand Inc., utilizing Agile methodologies and .NET technologies.
Utilized Skillsets:
ASP.NET, C#, ADO.NET, JavaScript, XML, MySQL, Git, Swagger, Postman.
Experience:
Utilized Agile SDLC and SCRUM methodology.
Developed RESTful Webservices using ASP.NET.
Worked with MySQL for database interactions.
Worked with JSON data format.
Developed UI using ASP.NET and JavaScript.
Utilized Swagger and Postman for testing.
Leveraged Git for version control.

Client: Broadridge (Newark, NJ)
Duration: June 2017 to August 2019
Role: .NET Full Stack Developer
Description: Developed dynamic and interactive web applications for Broadridge, utilizing .NET technologies and Agile methodologies.
Utilized Skillsets:
ASP.NET, C#, Entity Framework, ReactJS, SQL Server Management Studio, Git, Swagger, Postman.
Experience:
Implemented MVC architecture for modular development.
Developed RESTful Webservices using .NET and C#.
Utilized Entity Framework for data access.

EXHIBIT B – Required Documentation Verification Form

Worked with JSON data format.
Created dynamic UI using React, HTML, CSS, and Bootstrap.
Proficient in T-SQL for SQL Server.
Utilized Azure DevOps for CI/CD.
Utilized Git for version control.
Leveraged Log4Net for logging.
Developed ETL pipelines.

EXHIBIT B – Required Documentation Verification Form

Section 4.1.2 - Debugging Code for existing systems within Microsoft Visual Studio 2013. Documenting code changes consistently throughout the development process

Previous Project:	Capital One

Project Start Date: Nov 2021   Date Completed: present

Project Description:	Collaborated on debugging and maintaining a legacy banking system at Capital One. The project aimed to identify and resolve code issues within the existing system developed using Microsoft Visual Studio 2013. Documented code changes were consistently tracked throughout the development process.

Skillsets Utilized:	Microsoft Visual Studio 2013, C#, .NET Framework 4.5, Debugging Techniques, Code Analysis, Documentation, Version Control (Git), Agile Methodology

Location:	Richmond, VA

Project URL: N/A

(if applicable)

Project Manager / Supervisor:	Karthik Narla

Phone Number:

Email Address:	Karthik.narla@capitalone.com

EXHIBIT B – Required Documentation Verification Form

Note: If more room is needed then attach remaining information on a separate sheet.

EXHIBIT B – Required Documentation Verification Form

Section 4.1.2 -Working on a team with business analysts to define new features that the contractor must then code and integrate for existing systems

Previous Project:	Capital One

Project Start Date: Nov 2021   Date Completed: Present

Project Description:	Collaborated closely with business analysts at Capital One to define and refine new features for an existing banking system. The project focused on identifying business requirements, translating them into technical specifications, and then coding and integrating these features into the existing system.
Contractor's Role:	Sr .NET Full Stack Developer.
Skillsets Utilized:	Business Requirements Analysis, Technical Specification Translation, C#, .NET Framework, Agile Collaboration, Feature Integration, Software Development, Version Control (Git), Documentation.
Location:	Richmond, VA
Project URL:	N/A (if applicable)
Project Manager / Supervisor:	Karthik Narla
Phone Number:	
Email Address:	Karthik.narla@capitalone.com

EXHIBIT B – Required Documentation Verification Form

EXHIBIT B – Required Documentation Verification Form

Section 4.1.2 -Working on a team with developers to upgrade and configure existing code

Previous Project:	Capital One
Project Start Date: Nov 2021.	Date Completed: Present.
Project Description:	Played a crucial role in the development of web-based applications and
	solutions for Capital One, a prominent financial institution. This encompassed
	projects involving pension administration solutions and optimization efforts,
	contributing to the enhancement and maintenance of the organization's digital offerings.
Contractor's Role:	Sr .NET Full Stack Developer.
Skillsets Utilized:	Microsoft Visual Studio 2019, .NET Framework, ASP.NET Core Web App,
	ASP.NET Core Web API, C#, VB.NET, Entity Framework Core, Angular,
	ReactJS, Vue.js, HTML5, CSS3, Bootstrap, JavaScript, Authentication,
	TypeScript, ASP.NET Web Forms, ASP.NET MVC, RESTful
	Webservices, Microservices Architecture, Azure Cloud Services, OAuth2, SQL Server 2016, Swagger, Postman, Agile Methodology.
Location:	Richmond, VA
Project URL:	N/A
	(if applicable)
Project Manager / Supervisor:	Karthik Narla
Phone Number:	
Email Address:	Karthik.narla@capitalone.com

Section 4.1.2 -Software testing, including system integration and regression testing, to ensure application changes continue to meet the business needs

Previous Project:	Capital One.
Project Start Date: Nov 2021	Date Completed: Present
Project Description:	Collaborated closely with cross-functional teams at Capital One,
	conducting comprehensive software testing and quality assurance
	activities. This included system integration testing to ensure seamless
	communication between components and regression testing to verify that
	application changes aligned with the evolving business needs and objectives.
Contractor's Role:	Sr .NET Full Stack Developer.
Skillsets Utilized:	Microsoft Visual Studio 2019, .NET Framework 4.0/4.5/4.6,
	ASP.NET Core Web App, ASP.NET Core Web API, C#, VB.NET,
	Entity Framework Core, Angular 11, ReactJS, Vue.js, HTML5, CSS3,
	Bootstrap, JavaScript, TypeScript, RESTful Webservices, Microservices Architecture, Azure Cloud Services, OAuth2,
	Authentication, SQL Server 2016, Unit Testing (XUnit), Agile Methodology.
Location:	Richmond, VA
Project URL:	N/A
	(if applicable)
Project Manager / Supervisor:	Karthik Narla
Phone Number:	
Email Address:	Karthik.narla@capitalone.com

EXHIBIT B – Required Documentation Verification Form

> 4.1.3   The Vendor must provide one (1) application developer with a minimum of two (2) years paid experience working on projects in the following industry:
> 4.1.3.1   Developing and Optimizing Pension Administration solutions
> 4.1.3.2   Optimizing and developing .Net Framework Batches

Previous Project:	Capital One
Project Start Date: Nov 2021.	Date Completed: Present
Project Description:	Collaborated on enhancing and optimizing the pension administration
	solution at Capital One, a leading financial institution. The project
	focused on automating processes, ensuring accurate benefit
	calculations, and streamlining regulatory compliance for pension
	calculations, and streamlining regulatory compliance for pension administration.
Contractor's Role:	Sr .NET Full Stack Developer.
Skillsets Utilized:	Microsoft Visual Studio 2019, .NET Framework, ASP.NET,
	Core, C#, Entity Framework Core, SQL Server, Web API, HTML5,
	CSS3, JavaScript, Angular, Microservices Architecture, OAuth2 Authentication,
Location: Richmond, VA	
Project URL: N/A	
	(if applicable)
Project Manager / Supervisor:	Karthik Narla
Phone Number:	
Email Address:	Karthik.narla@capitalone.com

4.1.3.2
Previous Project: Capital One - .Net Framework Batches Optimization

Project Start Date: Nov 2021
Date Completed: Present

Project Description: Collaborated on optimizing and developing .Net Framework batches for Capital One's banking operations. The project aimed to enhance the efficiency of batch processing workflows, minimize processing times, and ensure reliable data processing.

Contractor's Role: Sr .Net Full Stack Developer

Skillsets Utilized:
Microsoft Visual Studio 2019, .NET Framework 4.6/5.0, C#, VB.NET, SQL Server, T-SQL, ADO.NET, Batch Processing Optimization, Performance Tuning, Multithreading, Microservices Architecture, Agile Methodology

Location: Richmond, VA

Project URL: N/A

Project Manager / Supervisor: Karthik Narla
Email Address: Karthik.narla@capitalone.com

EXHIBIT B – Required Documentation Verification Form

Name: Karthik

Email: █████████████████████████

Contact: ████████████

LinkedIn: ████████████████████████████

Professional Summary:

- Over **10+** Years of IT experience with Involvement in all phases of Software Development Life Cycle (**SDLC**) such as planning, analysis, design, implementation, testing and maintenance of Web Based, Client-Server and N-tier Architectures.
- Extensive experience **in Agile Methodology, Scrum processes, Sprint Planning, Story based Development.**
- Technical expertise in Microsoft Technologies, such as **.NET Framework** (2.0/3.0/4.0/4.5/4.6/5.0), **ASP.NET** Web Forms, **ASP.NET MVC** 4.0/3.0, C#, **VB.NET**, Webservices, **REST**ful Services, **Web API**, **WCF**, **WPF**, **Entity Framework**, Silverlight 4.0/3.0, **LINQ**, IIS 8.0/7.0/6.0, **SOAP**, **XML**, DOM, **XSL**, **XSL**T, **HTML** 5, **Java Script**, **jQuery**, **AngularJS**, **Angular2/4/6/8/9/10/11, ReactJS**, **NodeJS**, **Vue.js**, **DDL, DML T-SQL skills, and Azure SQL, CSS3**, **HTML5**, **VB Script**, Visual Studio.Net 2019/2015/2013/2012/2010/2008/2005, **AJAX**, **ADO.NET**, and **XML.**
- Proficient in **Microsoft Entity Framework**, **MVC**, and **Razor syntax**, leveraging them to quickly build applications following the MVC design pattern, utilizing scaffolding and Entity Framework features effectively.
- Extensive experience in **OOP concepts** and design patterns like MVVM, abstract factory, **singleton**, and **MVC**. Skilled in implementing robust applications using architectural patterns such as **Onion**, **MVC, N-Tier,** and **Microservices**.
- Proficient in developing applications using .NET frameworks such **as ASP.NET Core Web App**, **ASP.NET Core Web API**, **Microservices**, and **ASP.NET MVC**.
- Extensive experience in Developing, Consuming and Debugging the **SOAP** and **REST** Webservices using **WCF.**
- Worked on Database Connectivity with ORM technologies like **Entity Framework** 6.0/5.0/4.x Database First, Code First and performance tuning in **Entity Framework.**
- Experience in using **ADO**.**NET** data controls (Dataset, Data Reader, Data Adapter, Data Grid, Grid View, and Data List).
- Enhanced and developed UI functionality using **ASP.NET**, HTML, **XML** and XAML.
- Familiar with data formats like **JSON** and **XML** for seamless data interchange and integration in .NET applications.
- Proficient in utilizing **Azure Cloud**, including **API Gateway**, for effective management and orchestration of APIs in cloud-based environments.
- Skilled in implementing **OAuth** for secure authorization, **SSL** for encrypted communication, and **JWT** for token-based authentication in .NET applications.
- Built Web pages that are more user-interactive using **jQuery** plug-ins for Drag and Drop, AutoComplete, **JSON**, **AngularJS, ReactJS, BackboneJS**, **JavaScript** and **Bootstrap.**
- Skilled in handling various databases, including **SQL databases** like **SQL Server**, **PostgreSQL**, Star Dog, and **NoSQL** databases like **MongoDB**, ensuring efficient data storage and retrieval for applications.
- Experience in **Oracle supplied packages, Dynamic SQL, Records** and **PL/SQL Tables,** loaded Data into Oracle Tables using **SQL Loader.**
- Strong analytical and conceptual skills in database related work primarily creating complex stored procedures, Views, Triggers, Functions using **PL/SQL**, **T-SQL**.
- Experienced in **RabbitMQ**, **Kafka** and so on for reliable asynchronous communication between distributed components.
- Skilled in **XUnit** and other testing frameworks for .NET Core, ensuring effective **test-driven development** and **quality assurance.**
- Experience in Database testing, functional testing, Regression Testing, and system testing.
- Proficient in front-end testing frameworks like **Karma**, **Jasmine**, **Jest**, **Mocha**, **Chai**, ensuring comprehensive testing and quality assurance of user interfaces.
- Experienced in using **Cucumber** and **Citrus** for Webservices **automation**, ensuring effective testing and automation of **API-driven** functionalities.
- Skilled in utilizing testing tools like **Postman**, **SOAP UI**, and **Swagger UI** for comprehensive testing and documentation of Webservices and APIs.
- Hands on experience with Jenkins **– CI/CD concepts, jobs, builds, ETL pipelines, triggering, KPIs/ metrics, SCM, testing, notifiers, distributed builds, plugins, Rest API, artifacts, configuration management** tools.
- Skilled in **AWS** and **Azure** cloud technologies, developing scalable and resilient applications using infrastructure services, platform capabilities, and serverless architectures.
- Proficient in Configuration Management, setting up company Version policies, building schedule using **Team Foundation Server** 2012/2010/2008, **GIT** and Visual Source Safe (**VSS**).
- Skilled in utilizing logging tools like **Log4Net** for efficient event logging and monitoring, aiding in error analysis and troubleshooting in software development.

Technical Skills:

Programming Languages	C#, .NET (6.0/5.0/4.5/4.0/3.5/3.0), VB.NET (10.0/9.0/8.0), C++, Python, T-SQL, PL/SQL.
Web Technologies	ASP.NET 5.0/4.5/4.0/3.5/3.0/2.0, ASP.NET MVC 5.0/4.0/3.0, Silverlight 4.0/3.0, Ajax, Entity Framework, N-hibernate, Bootstrap, JQGrid, LINQ, Webservices, Vue.js, Node.js, Java Script, Webmail, jQuery, HTML5, CSS3, Bootstrap, VB Script, XAML, XML, XDOCUMENT, XSLT, XPATH, XSL.
UI Technologies	Win forms, WCF, Angular, React.
IDE Tools	Visual Studio 2012/2010/2008/2005, SQL Server Management Studio, Expression.
.Net Frameworks	.Net Framework 4.6/4.5/4.0/3.5/3.0/2.0.
Databases	MS SQL SERVER 2008/2005/2000, MS Access 2010/2007/2003, Oracle 11g/10g/9i, PostgreSQL.
Reporting Tools	SQL Server Reporting Services (SSRS 2008/2005), Crystal Reports (2010/9/8.5/8).
Modeling Tools	UML, MS Visio 2010/2007.
Version Control Tools	Azure Devops/Team Foundation Server (TFS), GIT.
Middleware	WCF, ADO.NET Entity Framework 5.0/4.1, NHibernate, LINQ, LINQ to XML, LINQ.
Servers	Windows Server 2008/2003/NT, Microsoft IIS (7.0/6.0/5.0/4.0).
Other Tools	SQL Server Reporting Services, Redis, OData, RDF Crystal Reports (2010/9/8.5/8), SQL Server Integration Services, SharePoint, Visual SourceSafe, Visual Basic, Subversion, Team Foundation Server, JIRA, Delphi, Xpedite, Adobe Experience Manager.

PROFESSIONAL EXPERIENCE:

Client - Capital One (Richmond, VA)   **Nov 2021 to Present**
Sr .Net Full Stack Developer

About:
Capital One is a leading financial group and one of the largest banks in the United States. It offers a wide range of financial products and services, including credit cards, banking, loans, and investment. In Capital One, my primary focus as a .NET Developer is building interesting and dynamic web pages using front-end technologies like Angular, WPF and Typescript and used the back-end technologies like .NET Core, C#, and Entity Framework and deployed the application using Docker and Azure Cloud.

Responsibilities:
● Merged and leveraged the Software Development Life Cycle (**SDLC**) with **Agile** practices, skillfully orchestrating requirement identification, business rule definition, and iterative development from user needs to final deployment within my project.
● Skillfully created a **Microservices** architecture, which involved breaking down complex systems into smaller, manageable parts that developed and deployed independently which made it easier to scale, maintain, and speed up the development process.
● Utilizing the strengths of .NET Core and C# to my advantage, I adeptly engineered an Asp.Net Core Web API, effectively laying the foundation for a Microservices architecture that facilitates seamless communication and modular functionality.
● Incorporated **Node.js** into my project, harnessing its asynchronous capabilities, scalability advantages, and real-time features to amplify system responsiveness and functionality.
● Used **.NET Core** to build **RESTful** Webservices, involving designing and developing API endpoints that allowed different parts of the project to communicate smoothly, ensuring efficient integration and effective sharing of data.
● Effectively utilized the **Entity Framework Core** ORM framework in my project, simplifying database operations and optimizing data management with its streamlined and user-friendly approach.
● Implemented **JSON** as the primary data format within the project, facilitating efficient data exchange and interoperability between various system components through its lightweight and widely supported structure.
● Developed and optimized **pension administration solutions** to manage retirement benefit plans for Capital One employees.
● Incorporated **OAuth2** authentication into the project, providing a secure way for users to access resources while maintaining data protection and privacy standards.
● Effectively utilized a wide range of front-end tools and technologies, including **Angular 11** for dynamic web applications, along with **HTML**, **CSS**, **JavaScript**, **Bootstrap**, **jQuery, Java Script**, **Vue.js**, and **TypeScript** to craft engaging and responsive user interfaces, enhancing the overall user experience.

- Proficient in **MySQL** for designing, implementing, and optimizing relational databases, ensuring data integrity and efficient data manipulation.
- Experienced in utilizing **Kafka**, a distributed streaming platform, for building scalable and real-time data processing systems, including topics like event streaming, message queuing, and data integration.
- Proficient in **Xunit** for writing unit tests and conducting component testing to ensure the quality and integration of .NET Framework applications.
- Leveraged **Microsoft Dynamics 365 and MS Dynamics Power Platform** for seamless integration and enhanced functionality.
- Using **Swagger** and **POSTMAN** to test the Web API RESTful Service.
- Leveraged **Azure DevOps** for end-to-end CI/CD implementation, automating build, testing, and deployment processes.
- Successfully designed and developed end-to-end **ETL** pipelines using Azure Data Factory, orchestrating data movement, transformation, and loading from various sources to target destinations.
- Leveraged **Azure Data Factory**, Kubernetes, Cosmos DB, and Service Bus to architect scalable workflows, containerize applications, distribute NoSQL databases, and enable reliable messaging in Azure.
- Applied OOP principles for modularity and reusability, creating a maintainable and scalable codebase.
- Utilized **Jenkins** pipelines to drive all microservices builds out to the Docker registry and then deployed to Kubernetes, managing the deployment process using Kubernetes.
- Proficient in **Git** for streamlined source code management, version control, and collaborative software development.
- Proficient in **JIRA** for seamless ticket and project management, enabling efficient task tracking and collaborative project organization in software development projects.

Environment: Microsoft Visual Studio 2019, CRM, RWD, .NET 4.0, ASP.NET, DB Scripts, Backbone.js, Proficy, Node.js, VB.NET, WCF, C#, Kendo UI, ADO.NET, jQuery, WPF, RAZOR, CMS, SILVERLIGHT, XAML, MVVM, LINQ, ADO.Net, Eclipse, Entity Framework, WCF, SOAP, Web APIs, SPA WEB Service, Microservices, ETL, PYTHON, MVC, Web API, Vue.js, Multithreading, Agile, SSIS, MongoDB, HTML 5, Visual Basic, CSS, XML, AJAX, Java Script, Angular JS, Angular, Backbone JS Azure, Bootstrap, MySQL, GIT, Kafka, Jenkins, Swagger, Postman, Oracle, Redis Cache, SSRS, OAuth, Windows 7.

Client - Citizen Bank (Johnston, RI)   **Sep 2019 to Oct 2021.**
Sr .Net Full Stack Developer

About:
Citizen Financial Group, Inc. is one of the nation's oldest and largest financial institutions which helps its clients reach their potential by listening to them and understanding their need to offer tailored advice, ideas, and solutions. As a senior .NET Full Stack Developer at Citizen's bank, I worked on Online Account Management Portal which provides customers with user-friendly platform to manage their bank accounts using back-end technologies like .NET Core, C#, RESTAPI and Entity Framework and front-end technologies like Angular, HTML, Java Script, Typescript and Bootstrap.

Responsibilities:
- Implemented **Agile** methodology, utilizing **Scrum** framework, **sprint** planning, daily stand-ups, and retrospectives to drive iterative and collaborative software development in the project.
- Designed and implemented **Onion architecture**, a layered architectural pattern that promotes separation of concerns, modularity, and maintainability by organizing the application into distinct layers for better scalability and testability.
- Implemented caching mechanism on page level and for **ASP.NET** web server controls.
- Developed custom reporting functionalities within the **Pension Administration system**, providing pension statements and reports tailored to employees' needs.
- Experience in designing and developing **Microservices** for the business components using .NET framework.
- Worked on designing the architecture of API'S and created a **RESTful Web** service using ASP.NET Web API to generate data for the EMS which was then consumed in the front-end by Angular 8/9.
- Utilized **Entity Framework Core**, a popular **ORM** framework in .NET, for efficient data access, database interaction, and object-relational mapping, ensuring seamless integration between the application and the underlying database.
- working with **JSON** data format, utilizing its simplicity and flexibility for efficient data interchange and integration in web applications.
- Proficient in utilizing **Azure Cloud's API Gateway** service for managing and securing APIs, enabling efficient communication, scalability, and integration between different services in cloud-based applications.
- Developed a globally distributed web application using **Cosmos DB** for low-latency data access and seamless scalability.
- Implemented **OAuth2** authentication and authorization in Microsoft .NET applications, ensuring secure and standardized user authentication and access control.
- Utilized front-end tools and technologies including **Angular 5, HTML, CSS, JavaScript**, **Node.js**, **Vue.js**, and **Bootstrap**, enabling the development of modern, responsive, and user-friendly web applications.

- Designed and maintained database tables with primary keys, foreign keys, constraints, and indexes, ensuring data integrity and efficient querying.
- Demonstrated expertise in writing advanced stored procedures, incorporating features like transaction management, process logging, and error handling.
- Leveraged advanced **T-SQL** skills for **Azure SQL** database, optimizing data retrieval, manipulation, and management.
- Proficient in **RabbitMQ** for reliable and scalable messaging in .NET applications.
- Utilized **XUnit**, a popular testing framework for .NET Framework, to write comprehensive and reliable unit tests, ensuring the quality and robustness of .NET applications.
- Used **Karma** and **Jasmine** testing frameworks for Angular applications, ensuring comprehensive and reliable unit testing for front-end/user interface components.
- Using **Swagger** and **POSTMAN** to test the Web API RESTful Service.
- Designing, implementing, and supporting fully automated Continuous Integration and Continuous Delivery processes using **DevOps**.
- Proficient in **SonarQube** for code quality analysis and improving software maintainability, security, and overall code quality.
- Utilized **Git** for streamlined version control, branch management, **collaborative code development**, and **efficient team collaboration** in software development projects.
- Successfully utilized **Log4Net** for comprehensive logging and error tracking in past .NET projects, enabling effective debugging, troubleshooting, and monitoring capabilities.

Environment: ASP.NET 4.0, C#, .NET core 3.0, Webservices, WCF, Node.js, MVC 3.0, HTML, CSS, IIS, Visual Studio 2010, MySQL, SQL Server Management Studio 2008, AJAX, ETL, Entity Framework 4.0, Vue.js, Microservices, Architecture, TFS, Azure DevOps Server, VB.net, SSIS, WPF, Oracle, Angular.js, BackboneJS, Redis Cache, Swagger, Java Script, Postman, Angular.

Client - Broadridge (Newark, NJ)   **June 2017 to August 2019**
.NET Full Stack Developer
Responsibilities:
- Successfully implemented **Agile** methodology in project lifecycle, ensuring iterative development, collaboration, and customer satisfaction.
- Implemented the **MVC architecture**, ensuring modular and maintainable software applications through separation of concerns and clear delineation of model, view, and controller components.
- Utilized **ASP.NET MVC**, a powerful .NET framework, for developing robust and scalable web applications with a clear separation of concerns, leveraging the **Model-View-Controller** architectural pattern.
- Gained experience in REST architectural style, worked on **CRUD** actions. (Get, Post, Put and Delete)
- Developed **RESTful** Webservices using ASP.NET Web API, leveraging the principles of **REST** to build scalable and interoperable APIs for web applications.
- Proficient in **Entity Framework** for seamless data access and object-relational mapping in .NET applications.
- Worked with **JSON** data format, leveraging its simplicity and flexibility for efficient data interchange and integration in web applications.
- Utilized **Asp.Net MVC**, **HTML**, **CSS**, **JavaScript**, **Bootstrap**, **jQuery**, and **Ajax** in enabling the development of modern, responsive, and interactive front-end web applications.
- Developed complex SQL queries and stored procedures in **MySQL** to facilitate data retrieval, manipulation, and reporting.
- Working with DevOps practices using **AWS** Services, such as AWS Gateway, AWS Code Pipeline, Elastic Bean stalk and Docker with Kubernetes.
- Developed Webservices and WCF services common for various applications using .NET Framework. Configured various Web Applications on Internet Information Server (IIS).
- Demonstrated expertise in advanced T-SQL skills for writing stored procedures, transactions, and error handling.
- Created ETL process to load claims data.
- Worked on in-build pipes, and customer pipes to customize and filter, as well as validation and Lambda providers in Angular 6.
- Advanced Power **Shell** scripting, farm architecture & administration, backup/restore/migration.
- Utilized **XUnit** as the primary testing framework in previous .NET Framework projects, ensuring comprehensive and reliable unit testing for high-quality software deliverables.
- Worked with **ASP.NET** Web Forms, Webservices, and State Management, caching features, configuring optimizations and securing the web application.
- Performed **MySQL** Replication setup and administration on Master-Slave and Master-Master.
- Developed WPF based UI using Silverlight.
- Proficient in **TFS** (Team Foundation Server) for streamlined version control, collaborative source code management, and efficient project collaboration in previous projects.

Environment: Microsoft ASP.NET 4.0/3.5, Visual Basic, .NET core 3.0, Visual C 4.0/3.0, Silverlight, LINQ, AJAX toolkit, Visual Studio

2010, TFS, WCF, node.js, Webservices, SSIS Windows Server 2003, ETL, MySQL, Microservices, IIS 6.0, NUnit, Enterprise Library, Xamarin, jQuery, ReSharper, Reflector, Java Script, Agile/Scrum, GIT, Swagger, Postman, Angular 2/4.

Client – Albertson (Pleasanton, CA)   **March 2015 to May 2017**
Full Stack .Net Developer
Responsibilities:
- Implemented all the client-side validations using JavaScript and jQuery. Used Custom Validations and User Validation to give access to registered users and developed Business Logic classes for Transaction Module using Business Services.
- Built an ASP.NET application authentication using .NET Framework, Model View Controller MVC and IIS security model.
- Designed and implemented components that convert disconnected datasets to valid XML that are transformed by XSL/XSLT/XPATH files to HTML.
- Developed dynamic and interactive web applications using **React**, leveraging its component-based architecture, virtual DOM, and efficient rendering to create fast, scalable, and engaging user interfaces.
- I have utilized Azure libraries for Visual Studio module that empowers In-Role Cache ventures to run locally in Visual Studio.
- Used multi-threading to reduce the time taken to get the quotes and to increase the efficiency of the system.
- Used ADO.NET to implement the data layer to help communicate with database.
- Extensively using Datasets, Data table and Data view of ADO.NET to retrieve and manipulate data and display it in an ASP.NET page and user control.
- Involved in generating reports using SSRS which fetch the data of different patients, appointments, and their insurance details etc., which can be used by different Physicians to analyze the complete patient details.
- Worked on SSIS to extract, transform, and load data packages.
- Created Tables, Stored Procedures, Triggers and Views for data access and manipulation.
- Developed a desktop application in Model-View-View-Model (MVVM) pattern using WPF.
- Published Webservices using C# to interact with the other applications and exposed them using SOAP and HTTP.
- Designed and developed ASP.NET pages including Master and Navigation pages.
- Written and modified the existing TSQL queries, Stored Procedures, Views, and Cursors.
- Used MS Visio and Lucid charts to make ERD and UML charts.
- Designed and developed various abstract classes, interfaces, classes to construct the business logic using C#.
- Involved in developing web Pages with rich UI, AJAX, and jQuery using ASP.NET.

Client - Ingersoll Rand Inc. (Bangalore, India)   **May 2013 to Dec 2014**
Full Stack Developer
Responsibilities:
- Worked on Agile SDLC, SCRUM Methodology to practice-based methodology for modeling and documentation of software-based systems.
- Involved in designing the layout of User interface using Visio and Class diagrams using UML.
- The Presentation Layer is implemented in ASP.NET with HTML, Cascading Style Sheets (CSS) and Web Controls. The Web Forms are developed utilizing C#.
- Leveraged MySQL for designing, developing, and managing relational databases, writing complex queries, and ensuring efficient data storage and retrieval.
- Gained experience in REST architectural style, worked on CRUD actions. (Get, Post, Put and Delete).
- Created Restful Webservices using ASP.NET Web API for exposing these to mobile device Involved in requirement gathering, analysis and documentation of assigned modules.
- Used AJAX for Partial Page Updating, Invisible Data Retrieval, Constant Updating, Smooth Interfaces, Simplicity and Rich Functionality.
- Created T-SQL Stored Procedures, Functions, Triggers, and views in MySQL Server to interact with database.
- Designed the complete solution using N-tier Architecture model and design patterns mainly Abstract Factory and Singleton.
- Using Swagger and POSTMAN to test the Web API RESTful Service.
- Developed the necessary Stored Procedures and created Complex Views using Joins for robust and fast retrieval of data in MYSQL Server using T-SQL.

Environment: .NET Framework 2.0, Visual Basic, ASP.NET, C#, VB.NET, ADO.NET, XML, Webservices, Microservices, HTML, MySQL, Oracle 10g, Crystal Reports, IIS 6.0, Windows 2000, VSS, SSIS, NUnit, Visual Studio 2005.
Education:
Acharya Nagarjuna University, Bachelor's in computer science (2013).

Usha

Email ID: [REDACTED]   **Contact No:** [REDACTED]

PROFESSIONAL SUMMARY:

- Having 9 years of experience in software analysis, design web, azure cloud and windows application development using Microsoft Technologies. A competent professional in developing web applications using ASP.NET, ASP.NET MVC, ASP.NET Web API, WCF Services, Microsoft Windows Azure Cloud Services using C# .NET.
- Expertise in developing web based and window-based applications using Visual Studio .NET, C#. NET, ASP.NET, MVC, VB.NET ADO.NET, XML Web Services, Visual Basic 6.0 and SQL Server, Oracle.
- Experience with all the phases of software development life cycle (SDLC).
- Experience in rendering AJAX features for building Rich Interactive Applications using Ajax Control Toolkit along with JavaScript, Angular JS, React JS, PHP, HTML5, HTML, CSS3, jQuery, JSON.
- Expertise in developing and consuming WCF services using end points, contracts and configuring bindings.
- Experience in .NET Technologies such as C#.NET, WPF, WCF (proficient working knowledge of XML, WSDL and SOAP, REST, RIA services), LINQ, and Lambda expressions, ADO.NET and MS SQL SERVER
- Extensively worked on cloud technologies like Azure cloud and used services like Azure Active Directory, Storage services, Azure Function and Azure logic apps.
- Extensive experience on modern front-end template frameworks for JavaScript - Including Bootstrap, JQuery, Typescript, Angular and React Js.
- Expertise in developing Restful Web API to build rest-based API for exposing the data to the clients.
- Good understanding and experience working on ASP.NET core.
- Experience in developing Web Applications using third party controls Infragistics and Telerik.
- Experience in developing Web based applications such as Visual Studio. NET 2008/10/13/15, C#, ADO.NET, Entity Framework, ASP.NET, VB.NET, Web Services, ASP, COM, ActiveX controls, VBScript, JavaScript.
- Strong Business Software design and development experience in Retail, Manufacturing and Finance industry using PowerBuilder, Oracle, MSSQL Server, and .NET.
- Manage various AZURE environment for provisioning of Linux servers and services implemented by the providers.
- Designed and implemented the application using Microservice Architecture for its various distinct advantages like loose coupling and design patterns.
- Experience in React JS for creating interactive UI's using One-way data flow, Virtual DOM, JSX, React Native concepts.
- Experience in designing and developing Microservices for the business components using .NET framework.
- Experience in writing Stored Procedures, Triggers, Views, and SSIS packages on MS SQL Server 2014/2012/2008/2005 and Pl/Sql Oracle 9i/10g/11g.
- Experience in designing complex reports including sub reports and formulas with complex logic using SQL Reporting Services on SQL Server 2012/2010/2008 and Crystal Reports 9/XI.
- Knowledge of Model View View Model (MVVM) architectural pattern for developing WPF applications.
- Experienced in WinForms application development using WPF.
- Have Development and performance tuning experience working as a Database Developer.
- Involved in Unit testing and have created unit test cases and TDD approach fallowed by Agile Methodologies.
- Able to operate both independently and in a team environment.
- Highly dedicated, quick starter, solution driven pattern programmer, Strong in Object Oriented Analysis and Design, Excellent at solving complex problems under strict deadlines.
- Possesses good organizational as well as written and verbal communication skills.

EDUCATION:

Bachelor of technology in Computer Science and Engineering
GITAM UNIVERSITY, Visakhapatnam, IN- 2011

TECHNICAL SKILLS:

.NET Technologies	ASP.NET, ADO.Net, ASP.NET MVC, WCF, WPF, Web API, LINQ, ADO.NET, MVVM, Web Services, Web Forms, .Net Framework, Ext.NET Framework, Entity Framework.
Programming Languages	C#, VB.NET, VB 6.0, SQL, T-SQL, PL/SQL
Web Technologies	XML, XAML, CSHTML, HTML/HTML5, DHTML, XHTML, CSS3, CSS, PHP, JavaScript, jQuery, kendo UI, Bootstrap, AJAX, JSON, React JS, AngularJS, Angular
Databases	SQL Server 2016/2012/2008/2005/2000 (T-SQL, Stored procedures, Triggers, DML, DDL, DTS, SSIS, SSRS, SSAS), Oracle 11g/10g/9i
Web Servers	Web server, IIS 7.5/7.0/6.5/6.0, Kestrel, Docker, Kubernetes
Reporting Services	Crystal Reports, SQL Server Reporting Services (SSRS), SQL Server Integration Services (SSIS)
Version Control	Team Foundation Server, GITHUB, Azure GIT, Subversion (SVN), Bitbucket,
Cloud Technologies	Azure Cloud, Active Directory, Storage Service, Azure Functions, Azure Logic Apps, Key Vault, App Insights etc.
Other Tools	Microsoft Visual Studio. Net 2019/2017/2015/2013/2012/2010, MS Office, Visual Studio 6.0, Microsoft Enterprise Library.

PROFESSIONAL EXPERIENCE

Client: Cisco, Doral, FL
Role: Senior .Net Developer   **Sep 2021 – Till date**

Responsibilities:

- Involved in the complete Software Development Life Cycle (SDLC) including Analysis, Design, Implementation, Testing and Maintenance with Agile Methodology.
- Participated in gathering the requirements, analysis, design & development of the project.
- Practiced Safe-Agile Software Development methodologies to enable efficient and effective high-quality software development.
- Involved in development of API using MVC that incorporates both N-Tier Architecture, and Database Connectivity.
- Experience in configuring API's using API Management and added JWT policies to avoid calling API's by provided token-based security from unauthenticated and unauthorized users.
- Experience in implementing RESTful API's with azure service fabric stateless Microservices using ASP.NET Core.
- Implemented Logging applications with Log4Net.
- Worked on Azure Active Directory for creating an application, authenticating applications and provide access to legacy API's.
- Experience in publish, maintain and upgrade the application services in azure service fabric cluster.
- Worked on SQL Server Integration Services (SSIS) Packages to Extract, Transform and Load data from different Databases.
- Used AngularJS and React.JS for making Restful API calls and data binding.

- Worked on Entity-Framework for Object-Relational Mapping (ORM) and dapper.
- Developed Stored Procedures, Triggers, and Views in SQL Server 2017 for accessing the database.
- Enhanced the applications performance by constantly monitoring the queries by running Execution plans and query optimization techniques in SQL server.
- Experience in Azure Cosmos DB (NoSQL) for storing documents and fetching the client related data from collections.
- Developed a Web API by consuming different API services across the chain and presented all the required features for the business needs.
- Worked with testing team to fix the bugs as part of Bug life cycle and Production support.
- Participating in CI/CD pipeline, build and release and configuring application into existing and global environments with continuous integration and delivery.
- Experience with Test-Driven Development (TDD) performing unit testing with Moq framework.
- Worked on JIRA ticketing systems for bug tracking.
- Used HTML5.0, JavaScript and JQuery for the UI implementation.
- Create API documentation, user interface using swagger.
- Perform testing using POSTMAN, XUNIT, involve in unit and integration testing.
- Used TFS and VSTS for version control.

Client: Corteva Agriscience, Indianapolis, IN
Role: Senior .Net Developer   **Sep 2019 – Jul 2021**

Responsibilities:

- Design and develop software solutions using C#, MVC 5, Entity Framework, SQL Server 2014, and Visual Studio 2013.
- Perform project analysis, determine functional and technical business requirements, develop code, test and deploy applications.
- Involved in all the phases of Software development life cycle (SDLC) i.e. Analysis, Design, Development, Deployment, Testing, Implementation and Production of the project using agile development Methodology.
- Attended daily standup scrum call to update last day's work and discussed hurdles in the project with the team.
- Analyze, design, develop and maintain .NET 2.0 – 4.6 applications that service internal and external vendor and client systems aligning with the business needs.
- Created React.js components using JSX, followed FLUX design pattern for unidirectional data flow.
- Develop quick prototypes to use as a foundation for design/development solutions.
- Responsible for building and maintaining the legacy system.
- Create and execute testing plans and procedures.
- Developed few time sensitive and important review/comments sections with React.js using ng React directive.
- Participate in the latest technology research applicable to meet new business challenges.
- Follow best practices for technology business-evel technology implementation.
- Participate in Sprint reviews and planning. Collaborating with other members on the Agile Scrum team to manage feature development to completion.
- Designed and developed user interface using ASP.NET 4.0, MVC 4, jQuery, JavaScript, Angular JS and created many views with various UI elements using MVC4 Razor view such as textbox, drop down box, radio button, check box, date picker.
- Be a key participant in code reviews and architecture/design discussions for Batch processing, internal and External Interfaces etc.
- Developed Stored Procedures and Views in the Oracle SQL Developer.
- Hands on experience in Azure developing and deployment, worked in Azure Web application, app services, Azure storage- storage accounts, blob storage, managed storage and unmanaged storages and Azure SQL database.

- Used Oracle SQL Developer to access Oracle data and Created Stored procedures to GET, INSERT and UPDATE data to oracle database.
- Used customized Components in React JS to develop dynamic and responsive web pages.
- Developed User Interface using HTML 5, CSS and JavaScript Framework.
- Developed business logic and created data access layer for the various modules using C# under the .NET framework 4.0 and controller action method were developed.
- Prepared the developer documentation to show the application flow.
- DAL Developed with Entity Framework, Business Entities and exposed Data Context in the data access layer using C#.
- Did lot of jQuery AJAX calls to save and update data in SQL server and Oracle databases.
- Used jQuery validator to validate the web pages.
- Supporting the existing application based on the change order issued from the business.
- View models were developed in JavaScript and jQuery for the functionality.
- Used TFS not only as a version control but also used for Work item tracking, project management functions, Team build and Team Project Portal.

Client: Trillium Health, Wilmington, NC
Role: .Net Developer   **Apr 2018 – Jul 2019**

Responsibilities:

- Involved in Design and Coding with the development of the entire GUI.
- Involved in Web-based development using C# for version Upgrades for Controller's.
- Worked on AngularJS which combines web applications with Model View Controller capability to make development and testing of code efficient.
- Implemented web-based front end using ASP.NET, CSS, HTML controls and business logic using C#.
- Created Console applications and used ADO.NET objects such as Dataset and Data Adapter, for consistent access to SQL data sources.
- Used React-Router to turn application into Single Page Application.
- Developed SPA (Single Page Applications) using Angular JS.
- Used customized Components in React JS to develop dynamic and responsive web pages.
- Implemented web-based front end using ASP.NET, PHP, CSS, HTML controls and business logic using C#.
- Implemented new functionality for Pre-validation and Post validation.
- Involved in database design on SQL Server 2008 and development of different database objects containing functions, triggers, stored procedures.
- Maintained state of the Web Pages using ASP.NET Session management like View
- State and Session Memory objects.
- Worked with different jQuery plugins and implemented client-side functionalities such
- as paging, table sorting/data tables and sliders.
- Bug fixings for Existing functionality.
- Involved in Developing Components for Presentation Layer, Business Layer and Data Access Layer.
- Worked effectively in a team environment with other developers, analysts, project managers and client staff.
- Involved in implementing filter functionality for controllers.

Switch Commerce, Irving, TX
Application Developer   **Jun 2016 – Mar 2018**

Responsibilities:

- Involved extensively in developing components for Business and Data tier using C#.NET and also involved in creating controllers/View Models to handle the events raised on the Razor views/Partial Views in ASP.NET MVC framework.
- Worked on AGILE SCRUM methodology to achieve smooth collaboration between self-organizing cross functional teams.
- Created and deployed Web Services using ASP.NET MVC and C#.Net, and generated the proxy class files based on the web services to consume in web application.
- Created various Angular Services & injected them into Angular Controllers (using Dependency Injection) to enable AJAX calls and created custom angular directives to create own HTML tags and induced functional behavior to those tags.
- Modified Web Services using C# to interact with the other applications and exposed them using SOAP and HTTP.
- Created RESTFUL services using Web API, built HTTP services and formatted responses using web API media type formatter to JSON.
- Utilized Entity Framework 5.0 technology extensively for data retrieving, querying, storage and manipulation using LINQ.
- Created Entity classes, relationships between entity classes using LINQ (Language Integrated Query) to SQL, LINQ to objects and LINQ to XML to manage relational data as objects.
- Extensively used AngularJS for DOM traversing and manipulation.
- Used AngularJS as framework to create a Single Page Application (SPA) which can bind data to specific views and synchronize data with server.
- Worked on ASP.NET MVC 5 application using C#, Web API, HTML5, CSS3, JavaScript, JQuery, Entity Framework, AngularJS, Typescript 2.0 and SQL Server
- Performed client and server-side validation using JavaScript, JQuery, ASP.Net validation controls.
- Used a Bootstrap 3.0 from Angular platform and point it to the root component of the application instead of Angular ng-app.
- Developed the user controls using code behind classes. These were integrated with the AJAX enabled Infragistics .Net Advantage controls like the Ultra Web Tree for extended functionality and to provide a rich presentation layer.
- Used Infragistics controls like Ultra Web Grid, Ultra Web Menu to retrieve, display, and manipulate data from the database.
- Responsible for making AJAX Calls for the UI Interactions to the Controller Actions using JQuery and getting the data back as JSON and parsing it onto the UI.
- Used Angular 2.0 for delivering user experiences such as high performance, off-line accessibility and zero-step installation
- Used NPM build tools like Web Pack and Angular CLI for better and faster compiling of angular apps.
- Created Stored Procedures, Functions, and Triggers using SQL Server 2014 database to insert, update, and delete data inside tables.
- Involved in testing like Unit test, Integration test, and Acceptance test using NUnit unit testing framework and responsible for writing test scripts and scenarios.
- Used Microsoft Team Foundation Server (TFS) for version Control, source code control, project related document sharing and team collaboration.
- Actively participated in daily stand-up meetings, go-no-go meetings, and bi-weekly sprint meetings as part of Agile methodology.

Client: TCS, Hyderabad, IN
.Net Developer   **Jul 2011 – Oct 2013**

Responsibilities:

- Played the role of a senior programmer and support analyst.
- Worked on various enhancements of the product which was requested by business

- Receive calls from the customers and provide quick turnaround within short time.
- Updated various front screens using ASP.Net core & C#.
- Created customized ASP.NET master pages for consistent appearance and layout of the website.
- Developed various Web Forms and reusable business logic components in an object-oriented manner using C#.NET.
- Used various ASP.NET web server controls that included Site Map Path, Menu, Tree View, Grid View and Details View to develop web forms and application customization using SaaS.
- Worked with Script Manager and Update Panel in ASP.NET, AJAX Server Control to develop the GUI and involved in implementing AJAX controls to reduce the server trip while modifying Grid View Data.
- Updating SQL queries as per the new requirements
- written multiple SQL queries to generate various reports as per user requirements
- Automate some reports which are required more often.
- Provide quick resolutions for the front-end issues.
- Daily scrum meetings, monitor the windows store uploads and acted as the face of
- the organization during the dispute resolution between Microsoft store upload
- approver(s) and the development team
- Involved in Bug Fixing, Code maintenance, Exception Handling, Logging, and
- Validation Application Blocks
- Involved in Unit Testing and strongly followed proper coding standards and
- naming guidelines etc