



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](http://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](http://WVPurchasing.gov) with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

## Header 1

## General Information

Contact

Default Values

Discount

Document Information

Procurement Folder: 686609

SO Doc Code: CRFQ

Procurement Type: Central Master Agreement

SO Dept: 0203

Vendor ID: VS0000005021

SO Doc ID: CFR2000000004

Legal Name: Elegant Enterprise-Wide Solutions, Inc.

Published Date: 5/7/20

Alias/DBA:

Close Date: 5/13/20

Total Bid: \$744,640.00

Close Time: 13:30

Response Date: 05/12/2020

Status: Closed

Response Time: 14:44

Solicitation Description: Addendum No.1 Professional  
Application Developers for COMPAS 

Total of Header Attachments: 1

Total of All Attachments: 1



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

**State of West Virginia  
 Solicitation Response**

**Proc Folder :** 686609

**Solicitation Description :** Addendum No.1 Professional Application Developers for COMPAS

**Proc Type :** Central Master Agreement

Date issued	Solicitation Closes	Solicitation Response	Version
	2020-05-13 13:30:00	SR 0203 ESR05122000000006618	1

<b>VENDOR</b>
VS0000005021 Elegant Enterprise-Wide Solutions, Inc.

**Solicitation Number:** CRFQ 0203 CPR2000000004

**Total Bid :** \$744,640.00      **Response Date:** 2020-05-12      **Response Time:** 14:44:16

**Comments:**

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

<b>Signature on File</b>	<b>FEIN #</b>	<b>DATE</b>
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All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Temporary information technology software developers				\$744,640.00

Comm Code	Manufacturer	Specification	Model #
80111608			

<b>Extended Description :</b>	Temporary information technology software developers
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## ***Proposal Response to RFQ***

West Virginia Purchasing Division

# **Professional Application Developers for COMPASS**

Solicitation No. CRFQ CPR2000000004

Due Date: May 13, 2020 @ 1:30 PM

### **Submitted to:**

**Attention:** Melissa Pettrey, Senior Buyer  
Department of Administration  
Purchasing Division  
2019 Washington Street, East  
Charleston, WV 25305  
**Email:** [melissa.k.pettrey@wv.gov](mailto:melissa.k.pettrey@wv.gov)  
**Fax:** (304) 558-4115

### **Submitted by:**

Elegant Enterprise-Wide Solutions, Inc.  
25961 Hartwood Drive  
Chantilly, Virginia 20152  
Phone: 703-722-0603 | Fax: 703-722-6628  
Email: [govt@elegantsolutions.us](mailto:govt@elegantsolutions.us)  
[www.elegantsolutions.us](http://www.elegantsolutions.us)

### **Primary Point of Contact**

Priyanka Arora  
Phone: 703-609-0215  
Email: [govt@elegantsolutions.us](mailto:govt@elegantsolutions.us)

### **Secondary Point of Contact**

Vikas Arora  
Phone: 703-722-0603  
Email: [govt@elegantsolutions.us](mailto:govt@elegantsolutions.us)





Elegant Enterprise Wide Solutions, Inc.
We make it happen

May 13, 2020

Attn: Melissa Pettrey, Senior Buyer
Department of Administration
Purchasing Division
2019 Washington Street, East
Charleston, WV 25305

In reference to Solicitation No. CRFQ CPR2000000004 for Professional Application Developers for COMPASS, Elegant Enterprise-Wide Solutions, Inc. hereafter called "Elegant Solutions" is pleased to submit the response to West Virginia Purchasing Division and wishes to make a positive difference at Consolidated Public Retirement Board (CPRB) through our deep technical expertise, our attention to customer service and results-driven innovation based culture.

Elegant Solutions is a disruptively innovative information technology (IT) services and solutions provider delivering a diversified set of technology-based solutions and services differentiated by thought leadership and innovation. We are an agile and dynamic company with relentless focus on customer mission success and delivering the best value to all our clients under all engagements. Since 2001, we have earned trust by delivering best value to our clients. Over the years, our core competencies expanded to better serve our diversified customer base, while retaining our core cultural pillars of innovation, customer-service and results-driven delivery.

We have been coupling our domain knowledge and experience with proven, mature, management practices to deliver the right solutions on time and within budget. Appraised at CMMI Level 3 standardized IT services and sharper focus on outcomes, operational efficiency, competitiveness, and rapid response – consistent with business requirements, we help transform Federal, State and Local Government organizations in strategic ways – seamlessly aligning their strategic missions with technology and industry best practices – ensuring that their ultimate visions are made reality.

Our team promises to bring best value to CPRB and winning trust by exceling. This response outlines capabilities of Elegant Solutions and directly addresses the requirements outlined in RFQ. We hold the following accolades and certifications.

Table with 2 columns and 5 rows listing certifications and accomplishments such as 'Experienced and established Prime Contractor (Over 35 Prime contracts with different State/ Local Government agencies)', 'Tax ID/ FEIN: 36-4468087', 'ITIL, PMBOK based processes', 'MBE/ DBE certified in State of VA, DE, NY, WMATA and MD', 'CAGE Code: 5AM05', 'Prime on DLA JETS J6 IDIQ, GSA Schedule 70, Seaport-e, eFast, GSA 8a STARSII, TAPS', 'DUNS # 121396126', 'DCAA Compliant Accounting System', 'Top Secret facility clearance', and 'CMMI Level 3 Certified'.

With this submission, we accept all terms and conditions defined in RFQ document, acknowledge to receipt of amendments and QAs issued and we look forward to opportunity to lend our expertise and bring our experience to CPRB.

Sincerely,

Priyanka Arora (handwritten signature)

Priyanka Arora
Sr. Program Manager
Elegant Enterprise-Wide Solutions, Inc.

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**ADDITIONAL INFORMATION**

**Request for Quotation**

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

INVOICE TO		SHIP TO	
CONSOLIDATED PUBLIC RETIREMENT 4101 MACCORKLE AVE SE		CONSOLIDATED PUBLIC RETIREMENT 4101 MACCORKLE AVE SE	
CHARLESTON	WV25304	CHARLESTON	WV 25304
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Temporary information technology software developers				

Comm Code	Manufacturer	Specification	Model #
80111608			

**Extended Description :**

Temporary information technology software developers

## 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  
Revised 01/09/2020

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 in order 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 e-mails should have solicitation number in the subject line.

Question Submission Deadline: 05/05/2020 @ 3:00 P.M.

Submit Questions to: **Melissa Pettrey, Senior Buyer**  
2019 Washington Street, East  
Charleston, WV 25305  
Fax: (304) 558-4115 (Vendors should not use this fax number for bid submission)  
Email: [melissa.k.pettrey@wv.gov](mailto: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 electronically through wvOASIS or signed and delivered by the Vendor to the Purchasing Division at the address listed below on or before the date and time of the bid opening. 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. The Purchasing Division will not accept bids, modification of bids, or addendum acknowledgment forms via e-mail. Acceptable delivery methods include electronic submission via wvOASIS, hand delivery, delivery by courier, or facsimile.

The bid delivery address is:  
Department of Administration, Purchasing Division  
2019 Washington Street East  
Charleston, WV 25305-0130

A bid that is not submitted electronically through wvOASIS should contain the information listed below on the face of the envelope or the bid may be rejected by the Purchasing Division.:

SEALED BID: Professional Application Developers for COMPASS  
BUYER: **Melissa Pettrey, Senior Buyer**  
SOLICITATION NO.: CRFQ CPR2000000004  
BID OPENING DATE: 05/13/2020  
BID OPENING TIME: 1:30 P.M.  
FAX NUMBER: 304-558-3970

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The Purchasing Division may prohibit the submission of bids electronically through wvOASIS at its sole discretion. Such a prohibition will be contained and communicated in the wvOASIS system resulting in the Vendor's inability to submit bids through wvOASIS. Submission of a response to an Expression of Interest or Request for Proposal is not permitted in wvOASIS.

**For Request For Proposal ("RFP") Responses Only:** In the event that Vendor is responding to a request for proposal, the Vendor shall submit one original technical and one original cost proposal plus           N/A           convenience copies of each to the Purchasing Division at the address shown above. Additionally, the Vendor should identify the bid type as either a technical or cost proposal on the face of each bid envelope submitted in response to a request for proposal as follows:

**BID TYPE:** (This only applies to CRFP)

Technical

Cost

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

**Bid Opening Date and Time:** 05/13/2020 @1:30 P.M.

**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

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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:

<http://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: <http://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(a)(7) and W. Va. CSR § 148-22-9, any non-resident vendor certified as a small, women-owned, or minority-owned business under W. Va. CSR § 148-22-9 shall be provided the same preference made available to any resident vendor. Any non-resident small, women-owned, or

minority-owned business must identify itself as such in writing, must submit that writing to the Purchasing Division with its bid, and must be properly certified under W. Va. CSR § 148-22-9 prior to contract award to receive the preferences made available to resident vendors. Preference for a non-resident small, women-owned, or minority owned business shall be applied in accordance with W. Va. CSR § 148-22-9.

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

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

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

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

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

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

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

**22. INTERESTED PARTY DISCLOSURE:** West Virginia Code § 6D-1-2 requires that the vendor submit to the Purchasing Division a disclosure of interested parties to the contract for all contracts with an actual or estimated value of at least \$1 Million. That disclosure must occur on the form prescribed and approved by the WV Ethics Commission prior to contract award. 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.

**23. 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.

## GENERAL TERMS AND CONDITIONS:

**1. CONTRACTUAL AGREEMENT:** Issuance of a Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid 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:** **Initial Contract Term:** This Contract becomes effective on UPON AWARD and extends for a period of ONE (1) year(s).

**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 THREE (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 maintenance, monitoring, or warranty services will be provided for \_\_\_\_\_ year(s) thereafter.

**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.

**Other:** See attached.

**4. NOTICE TO PROCEED:** Vendor shall begin performance of this Contract immediately upon receiving notice to proceed unless otherwise instructed by the Agency. Unless otherwise specified, the fully executed Award Document will be considered notice to proceed.

**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 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.

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

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

**BID BOND (Construction Only):** Pursuant to the requirements contained in W. Va. Code § 5-22-1(c), All Vendors submitting a bid on a construction project shall furnish a valid bid bond in the amount of five percent (5%) of the total amount of the bid protecting the State of West Virginia. The bid bond must be submitted with the bid.

**PERFORMANCE BOND:** The apparent successful Vendor shall provide a performance bond in the amount of 100% of the contract. The performance bond must be received by the Purchasing Division prior to Contract award.

**LABOR/MATERIAL PAYMENT BOND:** The apparent successful Vendor shall provide a labor/material payment bond in the amount of 100% of the Contract value. The labor/material payment bond must be delivered to the Purchasing Division prior to Contract award.

In lieu of the Bid Bond, Performance Bond, and Labor/Material Payment Bond, the Vendor may provide certified checks, cashier's checks, or irrevocable letters of credit. Any certified check, cashier's check, or irrevocable letter of credit provided in lieu of a bond must be of the same amount and delivered on the same schedule as the bond it replaces. A letter of credit submitted in lieu of a performance and labor/material payment bond will only be allowed for projects under \$100,000. Personal or business checks are not acceptable. Notwithstanding the foregoing, West Virginia Code § 5-22-1 (d) mandates that a vendor provide a performance and labor/material payment bond for construction projects. Accordingly, substitutions for the performance and labor/material payment bonds for construction projects is not permitted.

**MAINTENANCE BOND:** The apparent successful Vendor shall provide a two (2) year maintenance bond covering the roofing system. The maintenance bond must be issued and delivered to the Purchasing Division prior to Contract award.

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

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

**8. INSURANCE:** The apparent successful Vendor shall furnish proof of the insurance identified by a checkmark below and must include the State as an additional insured on each policy 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 or not 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: \_\_\_\_\_ per occurrence.

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

**Commercial Crime and Third Party Fidelity Insurance** in an amount of: \_\_\_\_\_ per occurrence.

**Cyber Liability Insurance** in an amount of: \_\_\_\_\_ per occurrence.

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

**Pollution Insurance** in an amount of: \_\_\_\_\_ per occurrence.

**Aircraft Liability** in an amount of: \_\_\_\_\_ per occurrence.

Notwithstanding anything contained in this section to the contrary, the Director of the Purchasing Division reserves the right to waive the requirement that the State be named as an additional insured on one or more of the Vendor's insurance policies if the Director finds that doing so is in the State's best interest.

**9. WORKERS' COMPENSATION INSURANCE:** The apparent successful 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. [Reserved]**

**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

**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:** Payment in advance is prohibited under this Contract. Payment may only be made after the delivery and acceptance of goods or services. The Vendor shall submit invoices, in arrears.

**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 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.

**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 with regard to 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 CERTIFICATIONS:** By signing its bid or entering into this Contract, Vendor certifies (1) that its bid or offer was made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, person or entity submitting a bid or offer for the same material, supplies, equipment or services; (2) that its bid or offer is in all respects fair and without collusion or fraud; (3) 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; and (4) that it has reviewed this Solicitation in its entirety; understands the requirements, terms and conditions, and other information contained herein.

Vendor's signature on its bid or offer also affirms that neither it nor its representatives have any interest, nor shall 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. The individual signing this bid or offer on behalf of Vendor certifies that he or she is authorized by the Vendor to execute this bid or offer or any documents related thereto on Vendor's behalf; that he or she is authorized to bind the Vendor in a contractual relationship; and that, to the best of his or her knowledge, the Vendor has properly registered with any State agency that may require registration.

**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. PURCHASING AFFIDAVIT:** 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, Vendors are required to sign, notarize, and submit the Purchasing Affidavit to the Purchasing Division affirming under oath that it is not in default on any monetary obligation owed to the state or a political subdivision of the state.

**38. ADDITIONAL AGENCY AND LOCAL GOVERNMENT USE:** This Contract may be utilized by other agencies, spending units, and political subdivisions of the State of West Virginia; county, municipal, and other local government bodies; and school districts ("Other Government Entities"), provided that both the Other Government Entity and the Vendor agree. Any extension of this Contract to the aforementioned Other Government Entities must be on the same prices, terms, and conditions as those offered and agreed to in this Contract, provided that such extension is in compliance with the applicable laws, rules, and ordinances of the Other Government Entity. A refusal to extend this Contract to the Other Government Entities shall not impact or influence the award of this Contract in any manner.

**39. 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.

**40. 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.requisitions@wv.gov](mailto:purchasing.requisitions@wv.gov).

**41. BACKGROUND CHECK:** In accordance with W. Va. Code § 15-2D-3, the Director of the Division of Protective Services shall require any service provider whose employees are regularly employed on the grounds or in the buildings of the Capitol complex or who have access to sensitive or critical information to submit to a fingerprint-based state and federal background inquiry through the state repository. The service provider is responsible for any costs associated with the fingerprint-based state and federal background inquiry.

After the contract for such services has been approved, but before any such employees are permitted to be on the grounds or in the buildings of the Capitol complex or have access to sensitive or critical information, the service provider shall submit a list of all persons who will be physically present and working at the Capitol complex to the Director of the Division of Protective Services for purposes of verifying compliance with this provision. 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.

Revised 01/09/2020

Service providers should contact the West Virginia Division of Protective Services by phone at (304) 558-9911 for more information.

**42. 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. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:
- c. 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
- d. 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.

**43. 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.

**44. 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 supplemental disclosure of interested parties reflecting any new or differing interested parties to the contract, which were not included in the original pre-award 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.

**45. 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.

**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.

Priyanka Arora, Sr. Program Manager

(Name, Title)

Priyanka Arora, Sr. Program Manager

(Printed Name and Title)

25961 Hartwood Drive, Chantilly, Virginia 20152

(Address)

703-609-0215 / 703-722-6628

(Phone Number) / (Fax Number)

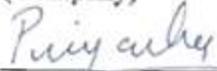
govt@elegantsolutions.us

(email address)

**CERTIFICATION AND SIGNATURE:** By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation 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 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 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.

Elegant Enterprise-Wide Solutions, Inc.

(Company)



Priyanka Arora, Sr. Program Manager

(Authorized Signature) (Representative Name, Title)

Priyanka Arora, Sr. Program Manager

(Printed Name and Title of Authorized Representative)

May 13, 2020

(Date)

703-609-0215 / 703-722-6628

(Phone Number) (Fax Number)

REQUEST FOR QUOTATION  
Professional Application Developers for COMPASS

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SPECIFICATIONS

1. **PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of the Consolidated Public Retirement Board (CPRB) to establish a contract for two (2) Professional Application Developers for the COMPASS System. These contractors 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 **“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)
  
  - 2.2 **“Contract Services”** means Application Developer contractors to provide application development services to maintain, enhance and support the ongoing operations of the COMPASS system as more fully described in these specifications.
  
  - 2.3 **“Contractor”** means the Vendor’s candidates for this Professional Application Developers solicitation.
  
  - 2.4 **“Pricing Page”** means the pages, contained in wvOASIS or attached hereto as Exhibit A, upon which Vendor should list its proposed price for the Contract Services.
  
  - 2.5 **“Solicitation”** means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.

REQUEST FOR QUOTATION  
Professional Application Developers for COMPASS

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**3. CURRENT ENVIRONMENT:**

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 the .NET 4.5 Framework with VB.NET as the main language. The underlying data is stored in a Microsoft SQL Server 2012 instance.

**4. MANDATORY 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 two Application Developer Contractors with 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 2012
- 4.1.1.9. SQL Server Reporting Services (SSRS)

4.1.2. The Vendor must provide two Application Developer Contractors each 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 and coding for existing systems within Microsoft Visual Studio 2013.
- Documenting in code an explanation of the code changes made throughout the development process
- Working on a team with business analysts to define new features that the contractor must then code and integrate with existing systems
- Working on a team with developers to upgrade and configure existing Code

REQUEST FOR QUOTATION  
Professional Application Developers for COMPASS

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- 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 should submit a copy of their diploma with their bid. However, this document will be required prior to contract award.
- 4.1.3.2. If the Vendor is providing Application Developer Contractors with a Bachelor of Science degree in a related field, then they should provide transcripts highlighting the applicable courses. However, this document will be required prior to contract award.

**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. 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 2012.

REQUEST FOR QUOTATION  
Professional Application Developers for COMPASS

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- 5.1.1.3 Assisting other team members in troubleshooting application related issues.
  - 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 by the contractor 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.
- 5.1.2 Deliverables:** The Contractors will provide deliverables as proof of ongoing work:
- 5.1.2.1 The Contractors will work within Visual Studio to check-in their code changes, document the results of the change in code and sample test IDs used to validate the updates made by the contractor to be migrated from integration testing.
  - 5.1.2.2 The Contractors will email the CPRB Chief Technology Officer or his designee an itemized progress update on their assigned and outstanding code change requests. This email communication will inform management on the status of each issue, the expected turnaround time for each issue assigned to the contractor and challenges they are facing in addressing code change.
  - 5.1.2.3 Contractors must be able to provide user documentation of any steps taken to resolve issues along with any code changes if applicable. If code changes are applicable; detailed annotations of the code changes referencing their change request IDs must be made in source code prior to deployment.
- 5.1.3 Vendor must include in their bid the cost of optional Annual renewals for years 2, 3, and 4. These optional Annual renewals will be initiated on Agency request authorized under the authority of the Purchasing division.
- 5.1.4 Application Developers will be interviewed by agency's lead developer post award to review the technical expertise outlined in 5.1.1

REQUEST FOR QUOTATION  
Professional Application Developers for COMPASS

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**5.1.5 Health Insurance Portability and Accountability Act:** In addition to what is covered by the Confidentiality in the General Terms and Conditions included with this solicitation, Vendor and any candidate they provide may be required to sign the HIPAA/Business Associate Addendum with an Appendix 1, which indicates the specific Protected Health Information (PHI), specifically written for the project for which CPRB is requesting the candidate, prior to issuance of any delivery order. A copy of the form (without the specific PHI in Appendix 1) is available on the website referenced in the Confidentiality term. The HIPAA/Business Associate Addendum is required prior to award of the Contract.

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

**5.1.6.1 Internal Revenue Service (IRS):** <http://www.irs.gov/pub/irs-pdf/p15a.pdf>

**5.1.6.2 Internal Revenue Service (IRS):**  
<http://www.irs.gov/Businesses/Small-Businesses-&-Self-Employed/Independent-Contractor-Self-Employed-or-Employee>

**5.1.6.3 Department of Labor (DOL):**  
<http://www.dol.gov/elaws/esa/flsa/docs/contractors.asp>

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

**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.

**CONTRACT WILL BE EVALUATED ON ALL LINES BUT ONLY AWARDED ON FIRST YEAR.**

Renewal options for years 2, 3, and 4 will be initiated by the Agency, agreed to by the Vendor and processed by the West Virginia Purchasing Division as Change Orders for subsequent years.

**6.2 Pricing Page:** Vendor should complete the Pricing Page and pricing section on wvOASIS by providing an hourly rate as the unit cost. Vendor should complete the Pricing Page in full without altering the number of rows and columns. Vendor should type or electronically enter the Unit Cost for each line item in the Pricing Page through wvOASIS, if available, or as an electronic document. Failure to complete the Pricing Page in its entirety may result in Vendor's bid being disqualified.

**7. PERFORMANCE:** The 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. If this Contract is designated as an open-end contract, Vendor shall perform in accordance with the release orders that may be issued against this Contract.

**8. PAYMENT:** Agency shall pay an hourly rate, 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.

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- 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. If 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.

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**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:** Priyanka Arora

**Telephone Number:** 703-609-0215

**Fax Number:** 703-722-6628

**Email Address:** govt@elegantsolutions.us

## Exhibit A – Pricing Page

EXHIBIT A - Pricing Page

Contract Item	Description	Unit of Measure	Estimated Quantity	Unit Cost	Extended Cost
5.1.1.1	Contract Services #1 – Professional Application Developers	Hourly	2080	\$88.00	\$183,040.00 -
5.1.1.1	Optional Renewal Year 2 for Contract Services #1 – Professional Application Developers	Hourly	2080	\$89.00	\$185,120.00 -
5.1.1.1	Optional Renewal Year 3 for Contract Services #1 – Professional Application Developers	Hourly	2080	\$90.00	\$187,200.00 -
5.1.1.1	Optional Renewal Year 4 for Contract Services #1 – Professional Application Developers	Hourly	2080	\$91.00	\$189,280.00 -
				Total Cost	\$744,640.00 -

## **Exhibit B – Required Documentation Verification Form**

### **Candidate #1: Kiran Varma Mantena**

#### **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.

- Microsoft Visual Studio 2013
- VB.NET
- XML
- ASP.NET
- CSS
- HTML
- JavaScript
- SQL Server 2012
- 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 and coding for existing systems within Microsoft Visual Studio 2013.
- Documenting in code an explanation of the code changes made throughout the development process
- Working on a team with business analysts to define new features that the contractor must then code and integrate with 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**

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. Please complete your information. Do not handwrite the information below.

Project 1:	E-Commerce Application
Duration:	May 2018 to Till Date
Role performed on Project:	<b>Software Engineer</b>
Explanation of work performed using Skillsets in 4.1.1	<ul style="list-style-type: none"> <li>• Working with a team of 12 engineers on daily basis, using Behavioral Driven Development (BDD) process.</li> <li>• Responsible for implementing business features in Commerce modules in Web Application Layer, RESTFUL services and business layers using Angular and ASP.NET Web API.</li> </ul>
Project 2:	Secure Credit Card
Duration:	June 2018 - March 2019
Role performed on Project:	<b>Software Engineer</b>
Explanation of work performed using Skillsets in 4.1.1	<ul style="list-style-type: none"> <li>• Supported in re-designing the architecture for the Secure Credit Card application in the Service Oriented Architecture model.</li> <li>• Developed the proof of concepts for the spikes create by the Architects and product owners.</li> </ul>
Project 3:	Fleet Wave
Duration:	Sep 2016 to March 2018
Role performed on Project:	<b>Senior Software Engineer</b>
Explanation of work performed using Skillsets in 4.1.1	<ul style="list-style-type: none"> <li>• Conceptualized Model View View Model architecture pattern to redesign the Fleet Wave application into a loosely coupled application.</li> <li>• Responsible for migrating the Driver and Fuel management modules to single page application using Angular.</li> </ul>
Project 4:	Pay Pac
Duration:	Nov 2013 to Aug 2016
Role performed on Project:	<b>Senior Software Engineer</b>
Explanation of work performed using Skillsets in 4.1.1	<ul style="list-style-type: none"> <li>• Developed the application using MVC 4 and NHibernate ORM.</li> <li>• Responsible for UI designing using Razor view engine and designed data contacts for the business and data layers.</li> </ul>

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

**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: **E-Commerce Application**

Project Start Date: **May 2018** Date Completed: **Present**

Project Description:

- Working with a team of 12 engineers on daily basis, using Behavioral Driven Development (BDD) process.
- Responsible for implementing business features in Commerce modules in Web Application Layer, RESTFUL services and business layers using Angular and ASP.NET Web API.
- Involved in client/server and Windows/Web application development using Microsoft Visual Studio 2013, C#, ASP.NET, MVC, Web API, WCF, JavaScript, LINQ, XML/XSL/XSD, HTML5, JQuery, CSS3, SQL Server 2012, and IIS.
- Debugging Code and coding for existing systems within Microsoft Visual Studio 2013 and documenting code changes made throughout the development process.
- Developed various stored procedures for the data retrieval from the database and generation of different types of reports using SQL reporting services (SSRS).
- Troubleshooting application related issues and errors as well as resolving issues with application debugging techniques.
- Utilizing Visual Studio to track code change requests, source code versioning, and document changes to source code as well as related design documents to the Database utilizing SQL Server 2012.

Contractor's Role:

**Software Engineer**

Skillsets Utilized:

**Angular-6, ASP.NET WEP API, ASP.NET MVC, LINQ, C#, .net Core Web API, Microservices, Type Script, JavaScript, JQuery, HTML, Bootstrap**

Location: **Austin, TX**

Project URL:  
(if applicable)

Project Manager / Supervisor: **Krishnan**

Phone Number: **440-732-6818**

Email Address:

**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: **E-Commerce Application**

Project Start Date: **May 2018** Date Completed: **Present**

**Project Description:**

- Working with a team of 12 engineers on daily basis, using Behavioral Driven Development (BDD) process.
- Responsible for implementing business features in Commerce modules in Web Application Layer, RESTFUL services and business layers using Angular and ASP.NET Web API.
- Involved in client/server and Windows/Web application development using Microsoft Visual Studio 2013, C#, ASP.NET, MVC, Web API, WCF, JavaScript, LINQ, XML/XSL/XSD, HTML5, JQuery, CSS3, SQL Server 2012, and IIS
- Debugging Code and coding for existing systems within Microsoft Visual Studio 2013 and documenting code changes made throughout the development process
- Developed various stored procedures for the data retrieval from the database and generation of different types of reports using SQL reporting services (SSRS)
- Troubleshooting application related issues and errors as well as resolving issues with application debugging techniques
- Utilizing Visual Studio to track code change requests, source code versioning, and document changes to source code as well as related design documents to the Database utilizing SQL Server 2012

**Contractor's Role:**

**Software Engineer**

**Skillsets Utilized:**

**Angular-6, ASP.NET WEP API, ASP.NET MVC, LINQ, C#, .net Core Web API, Microservices, Type Script, JavaScript, JQuery, HTML, Bootstrap**

Location: **Austin, TX**

Project URL: \_\_\_\_\_  
(if applicable)

Project Manager / Supervisor: **Shasikanth**

Phone Number: **737-781-6808**

Email Address: \_\_\_\_\_

**EXHIBIT B – Required Documentation Verification Form**

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

Previous Project: **E-Commerce Application**

Project Start Date: **May 2018** Date Completed: **Present**

Project Description:

- Working with a team of 12 engineers on daily basis, using Behavioral Driven Development (BDD) process.
- Responsible for implementing business features in Commerce modules in Web Application Layer, RESTFUL services and business layers using Angular and ASP.NET Web API.
- Involved in client/server and Windows/web application development using Microsoft Visual Studio 2013, C#, ASP.NET, MVC, Web API, WCF, JavaScript, LINQ, XML/XSL/XSD, HTML5, JQuery, CSS3, SQL Server 2012, and IIS
- Debugging Code and coding for existing systems within Microsoft Visual Studio 2013 and documenting code changes made throughout the development process
- Developed various stored procedures for the data retrieval from the database and generation of different types of reports using SQL reporting services (SSRS)
- Troubleshooting application related issues and errors as well as resolving issues with application debugging techniques
- Utilizing Visual Studio to track code change requests, source code versioning, and document changes to source code as well as related design documents to the Database utilizing SQL Server 2012

Contractor's Role:

**Software Engineer**

Skillssets Utilized:

**Angular-6, ASP.NET WEP API, ASP.NET MVC, LINQ, C#, .net Core Web API, Microservices, Type Script, JavaScript, JQuery, HTML, Bootstrap**

Location: **Austin, TX**

Project URL: \_\_\_\_\_  
(if applicable)

Project Manager / Supervisor: **Sai Niranjana**

Phone Number: **909-223-8819**

Email Address: \_\_\_\_\_

**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: E-Commerce Application

Project Start Date: May 2018 Date Completed: Present

Project Description:

- Involved and supported during architectural phase in designing the Ready Stock Quote module.
- Developed implementation of Pre-Loading for the core feature modules in Angular routing to enhance the user experience.
- Created extensive unit and integration tests in the Commerce module to validate the business functionality.
- Design and developed Microservices for business components using .Net Core Web API.
- Responsible for delivering the tasks that are committed in the sprint and illustrating the tasks to Product owner and to team at the end of the sprint.
- Providing technical support, for the regular and intermittent Production releases on shift basis by coordinating with the other module team members.

Contractor's Role:

Software Engineer

Skillsets Utilized:

Angular-6, ASP.NET WEP API, ASP.NET MVC, LINQ, C#, .net Core Web API, Microservices, Type Script, JavaScript, JQuery, HTML, Bootstrap

Location: Austin, TX

Project URL: \_\_\_\_\_  
(if applicable)

Project Manager / Supervisor: Krishnan

Phone Number: 440-732-6818

Email Address: \_\_\_\_\_

## Candidate #2: Prashanthi Bodipudi

### 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.

- Microsoft Visual Studio 2013
- VB.NET
- XML
- ASP.NET
- CSS
- HTML
- JavaScript
- SQL Server 2012
- 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 and coding for existing systems within Microsoft Visual Studio 2013.
- Documenting in code an explanation of the code changes made throughout the development process
- Working on a team with business analysts to define new features that the contractor must then code and integrate with 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

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. Please complete your information. Do not handwrite the information below.

Project 1:	POS - Point of Sale Website (Consolidation, Kraft Foods, Craft Beer Alliance, Spectrum, Henry Meritt, Proctor Sports, Cabela's, A&L, Wegmans, MCO Canada, Getacade-Southwest), Print
Duration:	May 2015 – Present
Role performed on Project:	Sr. Software Engineer
Explanation of work performed using Skillsets in 4.1.1	<p>Involved in Requirements Gathering, Analysis and design of the project.</p> <p>Developed POS ordering e-commerce websites for clients using ASP.NET Core MVC 5.0 framework, C# language.</p> <p>Designed and implemented integration API engine using ASP.NET Core Web API, C# language.</p> <p>Designed and implemented API endpoints using .NET Core, C# language.</p> <p>Enhance existing websites to provide additional functionality as requested by clients, production teams, and account management teams.</p> <p>Create Web APIs to support Print on Demand solutions and integrate with the existing POS web applications.</p> <p>Create sophisticated SQL Server 2012 database to responsively handle complex queries, stored procedures and .NET data access components, Entity framework and LINQ.</p> <p>Extensively used Visual Studio 2013, ASP.NET, VS.NET, JavaScript, XML, HTML, CSS for development of web pages.</p>
Project 2:	Central Provident Fund Board (CPF Board)
Duration:	Feb 2014 – April 2015
Role performed on Project:	.Net Lead
Explanation of work performed using Skillsets in 4.1.1	<p>Participated in software Development Life Cycle (SDLC) process including Analysis, Design, Programming, and Testing and worked with multiple development teams.</p> <p>Involved in Agile methodology and participated in design and code review meetings to deliver the projects in small iterations.</p> <p>Responsible for delivering agile projects that provide exceptional business value to users.</p> <p>Guiding agile project teams to achieve a high level of performance.</p> <p>Instructed and modeled core Agile principles of collaboration, prioritization, team accountability and visibility, ensured consistent application of scrum methodologies across the enterprise.</p>
Project 3:	MetroProStudio
Duration:	Jan 2011 – Jan 2014
Role performed on Project:	Lead Engineer
Explanation of work performed using Skillsets in 4.1.1	<p>Participated in software Development Life Cycle (Agile, SCRUM) process including Analysis, Design, Programming, Troubleshooting, User Interface and Testing and worked with multiple development teams.</p> <p>Involved in Agile methodology and participated in design, code review meetings to deliver the projects in small iterations.</p> <p>Involved in developing the web applications using the Microsoft .Net technologies like C#, ASP.NET, ASP.NET MVC, VS.NET, ADD.NET, ADD.NET Entity Framework, Web Services, WCF, Asp.Net Web API, XML/XSLT and LINQ.</p> <p>Worked on the Data Access Layer (DAL) and create new classes and methods to retrieve data in an application.</p> <p>Developed new windows forms using C#.NET, WPF, XML.</p>
Project 4:	Shweta Online Exams
Duration:	Jan 2009 – Dec 2010
Role performed on Project:	Sr. .Net Developer
Explanation of work performed using Skillsets in 4.1.1	<p>Worked with BA, PM and QA on business requirements at all stages of the software development life cycle.</p> <p>Used Scrum methodology and participated in design and code meetings.</p> <p>Used 3-tier architecture and involved in high-level design, Troubleshooting, User interface of the system.</p> <p>Worked on application business logic for customization and added new functionality.</p> <p>Worked on the Data Access Layer (DAL) to retrieve data from databases in C# code.</p> <p>Used ASP.NET Ajax, Toolkits controls and JQuery to improve user experience on pages.</p> <p>Developed web pages using ASP.NET, HTML, JavaScript and JQuery and CSS for styling the ASP.NET pages.</p> <p>Used JQuery to call server side ASP.net methods from client side without any post back.</p> <p>Involved in migrating existing application to MVC 3 application using C# and ASP.NET.</p>

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

**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: POS - Point of Sale Websites (Constellation, Kraft Foods, Craft Beer Alliance, Spectrum, Fanny Martin, Phoenix Sports, Carter, JJJ, Walgreens, MCD Canada, Gateade-SportsNet), Print on Demand USA

Project Start Date: **May 2015** Date Completed: **Present**

Project Description:

Worked on multiple Points of sale E-commerce web-based projects with Web forms, MVC, Page Flex, Mule, Azure, Salesforce and Web API.

Involved in Requirements Gathering, Analysis and design of the project.

Develop POS ordering ecommerce websites for clients using ASP.Net Core MVC 5.0 framework, C# language.

Designed and implemented Integration API Engine using ASP.NET Core Web API, C# language.

Designed and implemented API endpoints using .NET Core, C# language.

Enhance existing websites to provide additional functionality as requested by clients, production teams, and account management teams.

Create WEB APIs to support Print on Demand solutions and integrate with the existing POS web applications.

Contractor's Role:

**Sr. Software Engineer**

Skillsets Utilized:

.Net, MVC 5.0, .NET Framework 4.5, Visual Studio 2015, SQL Server 2012, JQUERY Mobile, CK.NET, ASP.NET 4.5, .NET CORE, LINQ, ADO.NET, OOAD, SSIS, SSAS, SSRS, Interfaces, Messaging,

AJAX, SVN, XML, HTML, SOAP, XAML, IIS 7.0, Json, JavaScript, JQUERY, React JS, Angular JS, Vue JS, CSS, SASS, SCSS,

Windows Services, Micro Services, Web Services, Source Tree, GIT, Bit Bucket, AWS, Azure Cloud, Azure GIT Repo, Salesforce APEX, Lightning Experience,

SOA, NUNIT, Agile, Web API, Bootstrap, Blue Pay, Snap Pay, Selenium, Kendo, Mule soft, JD Edwards, SOLR, Source Tree, Bit bucket, Go Anywhere jobs, ReSharper, MuleSoft, Autotask and Jira

Location: **Morton Grove, IL**

Project URL: \_\_\_\_\_  
(if applicable)

Project Manager / Supervisor: **Jess Jose**

Phone Number: **847-583-3859**

Email Address: **jess.jose@imsretail.com**

**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:

POS - Print on Demand (Constellation, Kraft Foods, Craft Beer Alliance, Spectrum, Remy Martin, Proximo Spirits, Carter's, J&J, Walgreens, MCO Canada, Gabriela-Speranza), Print on Demand USA

Project Start Date: **May 2015**

Date Completed: **Present**

Project Description:

**Involved in Requirements Gathering, Analysis and design of the project.**

Develop POS ordering ecommerce websites for clients using ASP.Net Core MVC 5.0 framework, C# language.

**Designed and implemented API endpoints using .NET Core, C# language.**

Enhance existing websites to provide additional functionality as requested by clients, production teams, and account management teams.

Create WEB APIs to support Print on Demand solutions and integrate with the existing POS web applications.

Used jQuery components like jQuery UI, jQuery Data tables, jQuery Grid and other numerous jQuery Plugins.

**Developed and Implemented web services layer hosted on Windows Azure.**

Contractor's Role:

**Sr. Software Engineer**

Skillsets Utilized:

.NET, MVC 5.0, .NET Framework 4.5, Visual Studio 2015, SQL Server 2012, JQUERY Mobile, C#, .NET, ASP.NET 4.5, .NET CORE, LINQ, ADO.NET, OOAD, SSIS, SSAS, SSRS, Interfaces, Messaging,

AJAX, SVN, XML, HTML, SOAP, XAML, IIS 7.0, Json, JavaScript, JQUERY, React JS, Angular JS, Vue JS, CSS, SASS, SCSS,

Windows Services, Micro Services, Web Services, Source Tree, GIT, Bit Bucket, AWS, Azure Cloud, Azure GIT Repo, Salesforce APEX, Lightning Experience,

SOA, NUNIT, Agile, Web API, Bootstrap, Blue Pay, Snap Pay, Selenium, Kendo, Mule soft, JD Edwards, SOLR, Source Tree, Bit bucket, Go Anywhere jobs, ReSharper, MuleSoft, Autotask and Jira

Location: **Morton Grove, IL**

Project URL:

(if applicable)

Project Manager / Supervisor: **Aaron Ho**

Phone Number: **847-583-3824**

Email Address: **Aaron.Ho@imsretail.com**

**EXHIBIT B – Required Documentation Verification Form**

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

Previous Project: POS - Print of Sale Websites (Conellation, Kraft Foods, Craft Brew Alliance, Spectrum, Remy Martin, Proximo Spirits, Caribou, J&J, Wegmans, MCC Cereals, GetGo-Subtotal), Print on Demand Integration

Project Start Date: **May 2015** Date Completed: **Present**

Project Description:

Enhance existing websites to provide additional functionality as requested by clients, production teams, and account management teams.

Develop POS ordering ecommerce websites for clients using ASP.Net Core MVC 5.0 framework, C# language.

Participated in analyzing, designing and implementing code change requests for the C/C++

Involved in the development of code Change Requests and fixing of issues/defects

Performed tasks related to identifying and troubleshooting application related issues in production environments

Responsible for documenting explanation of the code changes made throughout the development process

Contractor's Role:

**Sr. Software Engineer**

Skillsets Utilized:

.Net, MVC 5.0, .NET Framework 4.5, Visual Studio 2015, SQL Server 2012, JQUERY Mobile, C# .NET, ASP.NET 4.5, .NET CORE, LINQ, ADO.NET, OOAD, SDIS, SSAS, SDRS, Interfaces, Messaging, AJAX, SVN, XML, HTML, SOAP, XAML, IIS 7.0, Json, JavaScript, JQUERY, React JS, Angular JS, Vue JS, CSS, SASS, SCSS, Windows Services, Micro Services, Web Services, Source Tree, GIT, Bit Bucket, AWS, Azure Cloud, Azure GIT Repo, Salesforce APEX, Lightning Experience, SOA, NUNIT, Agile, Web API, Bootstrap, Blue Pay, Snap Pay, Selenium, Kendo, Mule soft, JD Edwards, SOUL, Source Tree, Bit bucket, Go Anywhere jobs, ReChaper, MuleSoft, Autotask and Jira

Location: **Morton Grove, IL**

Project URL: \_\_\_\_\_  
(if applicable)

Project Manager / Supervisor: **Manoj Chanda**

Phone Number: **847-583-3789**

Email Address: **Manoj.Chanda@imsretail.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: POS - Point of Sale Website (Constellation, Kraft Foods, Craft Beer Alliance, Spectrum, Remy Martin, Phoenix Sports, CarMax, J&J, Walgreens, MCD Canada, Getradio(operational), Print on Demand Integration

Project Start Date: **May 2015** Date Completed: **Present**

Project Description:

Worked on writing technical specifications and done unit testing of an application.

Used MS Test and NUnit unit testing framework to execute test scripts and display the results.

Integration testing for applications, Production Support.

Contractor's Role:

**Sr. Software Engineer**

Skillsets Utilized:

.NET, MVC 5.0, .NET Framework 4.5, Visual Studio 2015, SQL Server 2012, JQUERY Mobile, C# .NET, ASP.NET 4.5, .NET CORE, LINQ, ADO.NET, OOAD, SSIS, SSAS, SSRS, Interfaces, Messaging,

AJAX, SVN, XML, HTML, SOAP, XAML, IIS 7.0, Json, JavaScript, JQUERY, React JS, Angular JS, Vue JS, CSS, SASS, SCSS,

Windows Services, Micro Services, Web Services, Source Tree, GIT, Bit Bucket, AWS, Azure Cloud, Azure GIT Repo, Salesforce APEX, Lightning Experience,

SOA, NUNIT, Agile, Web API, Bootstrap, Blue Pay, Snap Pay, Selenium, Kendo, Mule soft, JD Edwards, SOLR, Source Tree, Bit bucket, Go Anywhere jobs, ReSharper, MuleSoft, Autotask and Jira

Location: **Morton Grove, IL**

Project URL: \_\_\_\_\_  
(if applicable)

Project Manager / Supervisor: **Jess Jose**

Phone Number: **847-583-3859**

Email Address: **jess.jose@imsretail.com**

## Candidate #3: Sravanthi Yerramsetti

### 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.

### Skillssets

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

- Microsoft Visual Studio 2013
- VB.NET
- XML
- ASP.NET
- CSS
- HTML
- JavaScript
- SQL Server 2012
- 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 and coding for existing systems within Microsoft Visual Studio 2013.
- Documenting in code an explanation of the code changes made throughout the development process
- Working on a team with business analysts to define new features that the contractor must then code and integrate with 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**

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. Please complete your information. Do not handwrite the information below.

Project 1:	Smart Grid Solution
Duration:	Dec 2016 – Present
Role performed on Project:	<b>Sr. Software Engineer</b>
Explanation of work performed using Skillsets in 4.1.1	<ul style="list-style-type: none"> <li>• Involved in developing and delivering production Responsive SPA using React with JavaScript.</li> <li>• Expertise with Axios - default configuration, interceptors and error handling</li> <li>• Implemented REST services using NodeJS</li> <li>• Experience with Micro Service Architecture and AWS.</li> <li>• Familiar with GraphQL in NodeJS and .Net.</li> </ul>
Project 2:	ProField
Duration:	Nov 2014 – Dec 2016
Role performed on Project:	<b>Senior Developer</b>
Explanation of work performed using Skillsets in 4.1.1	<ul style="list-style-type: none"> <li>• Supported in re-designing the architecture for the Secure Credit Card application in the Service Oriented Architecture model.</li> <li>• Developed the proof of concepts for the spikes create by the Architects and product owners.</li> </ul>
Project 3:	WEBCASS
Duration:	Mar 2014 – Nov 2014
Role performed on Project:	<b>Sr. Software Engineer</b>
Explanation of work performed using Skillsets in 4.1.1	<ul style="list-style-type: none"> <li>• Upgraded all applications .net framework from 2.0 to 4.0 and resolved the issues faced upgrading the projects.</li> <li>• Used SSRS Reporting services including the rdlic into aspx to generate new reports for STEP Program.</li> <li>• Designed new Pages to make some enhancements requested by the Client in WEBCASS project.</li> </ul>
Project 4:	ProTrak
Duration:	Mar 2013 – Mar 2014
Role performed on Project:	<b>Sr. Software Engineer</b>
Explanation of work performed using Skillsets in 4.1.1	<ul style="list-style-type: none"> <li>• Developed User Interface using MVC 3, C#.net, Kendo MVC controls, Java Script, CSS, HTML, JSON, Team Foundation Server (TFS) 2010, Entity Framework</li> <li>• Involved in the changes to existing MVC pages for login and Change password pages and also added authorization and authentication of the pages using Membership database.</li> </ul>

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

**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. Please complete your information. Do not handwrite the information below.

Project 1:	Xynergy
Duration:	May 2012 – Jan 2013
Role performed on Project:	Developer
Explanation of work performed using Skillsets in 4.1.1	<ul style="list-style-type: none"> <li>• Developed User Interface using Asp.net, C#.net, Silverlight, XML, Java Script, XAML, CSS, HTML.</li> <li>• Used Infragistics Silverlight controls for the presentation layer of the UI.</li> <li>• Involved in the changes to existing asp.net pages for login and Change password pages and also added authorization and authentication of the pages.</li> </ul>
Project 2:	Multiple Internal Projects
Duration:	Jan 2005 – Jun 2007
Role performed on Project:	Developer
Explanation of work performed using Skillsets in 4.1.1	<ul style="list-style-type: none"> <li>• Developed User interfaces with Asp.Net, C#, CSS, HTML, XML, JQuery and AJAX.</li> <li>• Developed the site in DotNetNuke using the portals and module-based programming.</li> <li>• Extensively used OWS [Open Web Studio] modules to program some extensions to the existing application.</li> </ul>
Project 3:	Fee Assistance Program
Duration:	Oct 2009 – Nov 2010
Role performed on Project:	Developer
Explanation of work performed using Skillsets in 4.1.1	<ul style="list-style-type: none"> <li>• Worked on MS-Visio to draw Use-Case diagrams, Sequence diagrams, Class diagrams.</li> <li>• Developed User interfaces with Asp.Net, C#, CSS, HTML, XML and AJAX.</li> <li>• Used Telerik controls to develop the presentation layer.</li> </ul>
Project 4:	
Duration:	
Role performed on Project:	
Explanation of work performed using Skillsets in 4.1.1	

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

**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: **Smart Grid Solution**

Project Start Date: **Dec 2016** Date Completed: **Present**

Project Description:

- Involved in developing and delivering production Responsive SPA using React with JavaScript.
- Expertise with Axios - default configuration, interceptors and error handling
- Implemented REST services using NodeJS
- Experience with Micro Service Architecture and AWS.
- Created Single Page Applications (SPA) using React, Redux and React Router (ES6).
- Used Babel to Resolve complex issues related to browser and network performance, cross-browser and legacy IE compatibility, client-side scaling, data modeling, usability and testability
- With the concept of ReactJS Worked on usage metrics and also end-to-end events tracing for analysis purpose.

Contractor's Role:

**Sr. Software Engineer**

Skillsets Utilized:

- React • ES6 • JQuery • Angular • C#.Net • MVC • CSS3 • HTML5 • Bootstrap • MongoDB • MySQL
- SQLSERVER • REST API • Node • NPM • JSON • GIT version control • TFS

Location: **Herndon, VA**

Project URL: \_\_\_\_\_  
(if applicable)

Project Manager / Supervisor: **Sruthi Kathara**

Phone Number: **732-407-3843**

Email Address: **skathara@acalara.com**

**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: **ProField**

Project Start Date: **Nov 2014**

Date Completed: **Dec 2016**

**Project Description:**

- Involved in Requirements gathering and analysis of the system and assessment of the development time within the team.
- Maintain the Technical Specifications for the work completed Interface design and development using Web forms.
- Created SSIS Package with C# code validations to load data that we get from the Client to the database as required format by ProField.
- Used Jira to track the bugs created by the users in the field and used TFS to track the bugs internally during the project development
- Used SSRS Reporting services including the rdlic into aspx to generate new reports using XSD as data source.
- Used Entity-Framework 8.0 to have easy separation of code and Data model.
- Write and Execute Stored Procedure and Queries to validate the data a backend and to execute the desired result at front end.

**Contractor's Role:**

**Senior Developer**

**Skillsets Utilized:**

• React • ES6 • JQuery • Angular • C#.Net • MVC • CSS3 • HTML5 • Bootstrap • MongoDB • MySQL  
• SQLSERVER • REST API • Node • NPM • JSON • GIT version control • TFS

Location: **Herndon, VA**

Project URL:

(if applicable)

Project Manager / Supervisor: **Durga Balaji**

Phone Number: **773-266-4361**

Email Address: **dbalaji@gmail.com**

**EXHIBIT B – Required Documentation Verification Form**

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

Previous Project: **ProTrak**

Project Start Date: **Mar 2013**

Date Completed: **Mar 2014**

**Project Description:**

- Developed User Interface using MVC 3, C#.net, Kendo MVC controls, Java Script, CSS, HTML, JSON, Team Foundation Server (TFS) 2010, Entity Framework
- Involved in the changes to existing MVC pages for login and Change password pages and also added authorization and authentication of the pages using Membership database.
- **Used Team Foundation Server (TFS) 2010 for safe check out and check in of the files.**
- **Used Entity Framework to work with relational data and used Linq to SQL queries to make changes to the entity sets.**
- **Used JSON data format to send the data from the client side in the ajax calls.**
- **Implemented notification service to generate emails for the changes happening in the workflow and test-driven code for some of the modules.**

**Contractor's Role:**

**Sr. Software Engineer**

**Skillsets Utilized:**

- **React • ES6 • JQuery • Angular • C#.Net • MVC • CSS3 • HTML5 • Bootstrap • MongoDB • MySQL**
- **SQLSERVER • REST API • Node • NPM • JSON • GIT version control • TFS**

Location: **Herndon, VA**

Project URL:

(if applicable)

Project Manager / Supervisor: **Jaskiran Bhatia**

Phone Number: **305-774-0296**

Email Address:

**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: **Smart Grid Solution**

Project Start Date: **May 2018** Date Completed: **Present**

Project Description:

**• Used JEST and Enzyme for Test Driven Development.**

• Developed the application for responsive to different screen resolutions using Bootstrap and React Material UI components.

• With the concept of ReactJS Worked on usage metrics and also end-to-end events tracing for analysis purpose.

• Used Babel to Resolve complex issues related to browser and network performance, cross-browser and legacy IE compatibility, client-side scaling, data modeling, usability and testability

• Strong development skills including RESTful Web Services. Proficient in working with task runners Web Pack

• Good experience in using various version controls like SVN, and CVS, GIT, TFS

Contractor's Role:

**Sr. Software Engineer**

Skillsets Utilized:

• React • ES6 • JQuery • Angular • C#.Net • MVC • CSS3 • HTML5 • Bootstrap • MongoDB • MySQL

• SQLSERVER • REST API • Node • NPM • JSON • GIT version control • TFS

Location: **Herndon, VA**

Project URL:

(if applicable)

Project Manager / Supervisor: **Sruthi Kathara**

Phone Number: **732-407-3843**

Email Address: **skathara@acalara.com**

## Addendum Acknowledgement Form

### ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.: CPR2000000004

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

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

Addendum Numbers Received:

*(Check the box next to each addendum received)*

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

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Elegant Enterprise-Wide Solutions, Inc.

Company

*Priya*

Authorized Signature

May 13, 2020

Date

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

# Purchasing Affidavit

STATE OF WEST VIRGINIA  
Purchasing Division  
**PURCHASING AFFIDAVIT**

**CONSTRUCTION CONTRACTS:** Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

**ALL CONTRACTS:** Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

**EXCEPTION:** The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

**DEFINITIONS:**

**"Debt"** means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

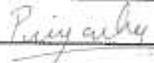
**"Employer default"** means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

**"Related party"** means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

**AFFIRMATION:** By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) 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, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

**WITNESS THE FOLLOWING SIGNATURE:**

Vendor's Name: Elegant Enterprise-Wide Solutions, Inc.

Authorized Signature:  Date: May 07, 2020

State of Virginia

County of Loudoun, to-wit:

Taken, subscribed, and sworn to before me this 7th day of May, 2020.

My Commission expires \_\_\_\_\_, 20\_\_.

AFFIX SEAL HERE



NOTARY PUBLIC



*Purchasing Affidavit (Revised 01/19/2018)*

**DETAILED RESUMES OF PROPOSED CANDIDATES**

**Candidate #1: Kiran Varma Mantena**

<b>Name</b>	Kiran Varma Mantena
<b>Proposed Role</b>	Application Developer
<b>Summary of Experience</b>	
<ul style="list-style-type: none"> <li>10 Years of development experience on Microsoft and Core Programming Technologies.</li> <li>Designed, developed and maintained FULL STACK applications using Front-End framework Angular, and backend RESTFUL services with .Net Framework and .NET Core WEB API.</li> <li>Extensively worked on Angular 2/4/5 and Microsoft technologies ASP.NET MVC, ASP.NET, C#, AJAX, ADO.NET, Win Forms, Java Script, JQuery, SQL, C++, C, WCF, WPF, Crystal Reports, RDLC Reports, VSS, TFS.</li> <li>Proficient in core programming languages C-Sharp (C#), C++, JavaScript, Type Script, SQL and has profound knowledge in the Object-Oriented Programming.</li> <li>Good working knowledge in E-Commerce, Banking, Accounting and Automotive and Biometric Domain.</li> <li>Hands-on experience on MS SQL in designing database schemas and created database objects like Tables, Stored procedures, Views, Triggers, Functions and Triggers in SQL.</li> <li>Have hands on experience in ORM's Entity Framework, NHibernate and Dapper.</li> <li>Experienced in developing FULL STACK applications using Angular 2/4/5, ASP.NET WEB API /REST Full services.</li> <li>Performed Unit Testing and Integration Testing using NUnit and xUnit.</li> <li>Extensively worked on Waterfall &amp; Agile SDLC Methodologies, for Developing, maintaining and supporting the software applications.</li> <li>Other core skills include requirement gathering and analysis, client communication, delivery planning and scheduling, driving the team to give high quality deliverables.</li> <li>Awarded the Best Employee of the Year honor at CMC Ltd.</li> </ul>   <p><b>Software Architectures Implemented:</b></p> <ul style="list-style-type: none"> <li>Service Oriented Architecture – SOA</li> <li>Model View ViewModel – MVVM</li> <li>Model View Controller – MVC</li> <li>Multitier Architecture – N-Tier</li> </ul>	
<b>Education &amp; Certifications</b>	
<ul style="list-style-type: none"> <li>B.E in Mechanical from Jaya Engineering College in Chennai, Anna University in the year 2006</li> <li>Microsoft Certified Professional, ASP.NET MVC WEB Development</li> <li>Microsoft Certified Professional, C SHARP PROGRAMMING Development</li> <li>PSM I Certified (Professional Scrum Master)</li> </ul>	
<b>Technical Skills</b>	
<b>.NET Technologies</b>	ASP.NET, MVC 4/5, WEB API 2.2, Entity Framework 5, NHibernate 3.4, ADO.NET, AJAX, LINQ, WCF, WPF, Type Script, .NET Framework 4.6/4.5/4.0/3.5/3.0/2.0.
<b>Front End Framework</b>	Angular 2/4/5/6
<b>Languages</b>	C#.NET, C, C++, T-SQL.
<b>ORM's</b>	Entity Framework, NHibernate, Dapper.
<b>Databases/ RDBM's</b>	SQL 2014/2012/2008/2005.
<b>Web Technologies</b>	MVC 4.0/5.0, WEB API 2.2, ASP.NET 4.6/4.5/4.0, Razor Engine, Type Script, Win Forms, CSS, CSS3 HTML, HTML 5, JSON, Bootstrap, XML, RESTFUL Services.
<b>Scripting Languages</b>	JavaScript, JQuery, TypeScript.
<b>Web Servers</b>	IIS 7.0/6.0

<b>Operating Systems</b>	Win 95/98, Win-2000/2003/8/10, Windows Vista, OSX, Unix
<b>Reporting Tools</b>	SSIS, SSRS, RDLC and Crystal Reports.
<b>Version Control Tools</b>	Team Foundation Server, GITLab, Microsoft Visual SourceSafe.
<b>IDE and Tools</b>	Microsoft Visual Studio 2017/2015/2013/2010/ 2008, Microsoft Code, SQL Profiler, SQL Management Studio 2014/2012/2008R2, WebStrom 11/10.

**Chronological Relevant Work History**

***Dell Technologies, Austin, TX – Software Engineer; (May 2018 – Present)***

**Project:** E-Commerce Application - Dell Corporate Sales is an enterprise e-commerce application used by dell sales and support teams for selling Dell products and then providing support to products from point of sale.

**Responsibilities:**

- Working with a team of 12 engineers on daily basis, using Behavioral Driven Development (BDD) process. Responsible for implementing business features in Commerce modules in Web Application Layer, RESTFUL services and business layers using Angular and ASP.NET Web API.
- Involved in client/server and Windows/Web application development using Microsoft Visual Studio 2013, C#, ASP.NET, MVC, Web API, WCF, JavaScript, LINQ, XML/XSL/XSD, HTML5, JQuery, CSS3, SQL Server 2012, and IIS
- Debugging Code and coding for existing systems within Microsoft Visual Studio 2013 and documenting code changes made throughout the development process
- Developed various stored procedures for the data retrieval from the database and generation of different types of reports using SQL reporting services (SSRS). Troubleshooting application related issues and errors as well as resolving issues with application debugging techniques
- Utilizing Visual Studio to track code change requests, source code versioning, and document changes to source code as well as related design documents to the Database utilizing SQL Server 2012
- Involved and supported during architectural phase in designing the Ready Stock Quote module.
- Developed implementation of Pre-Loading for the core feature modules in Angular routing to enhance the user experience. Created extensive unit and integration tests in the Commerce module to validate the business functionality.
- Design and developed Microservices for business components using .Net Core Web API.
- Responsible for delivering the tasks that are committed in the sprint and illustrating the tasks to Product owner and to team at the end of the sprint.
- Providing technical support, for the regular and intermittent Production releases on shift basis by coordinating with the other module team members.

**Environment:** Angular-6, ASP.NET WEP API, ASP.NET MVC, LINQ, C#, .net Core Web API, Microservices, Type Script, JavaScript, JQuery, HTML, Bootstrap

***Green Dot, Pasadena, CA – Software Engineer; (Jun 2018 – Mar 2019)***

**Project:** Secure Credit Card - Migrating the existing Secure Credit Card application which is developed in ASP.NET into full stack model using Angular and ASP.NET Core 2.1WEB API.

**Responsibilities:**

- Supported in re-designing the architecture for the Secure Credit Card application in the Service Oriented Architecture model.
- Developed the proof of concepts for the spikes create by the Architects and product owners.
- Accountable for developing, delivering and fixing the defects in the money movement module where all the money transactions of users are handled.
- Developed RESTFUL services using ASP.NET Core WEB API, which are consumed by the frontend Web and Mobile clients.
- Designed Presentation layer using Web forms, Custom Controls, User Controls, Web Controls, HTML, JavaScript (j-query), XML, CSS and Themes.
- Worked in Visual Studio 2013 and Microsoft SQL Server 2012 R2.
- Mostly worked in ASP.NET with creation of new web pages and modification of existing pages.
- Involved in developing reports using Crystal Reports and SSRS (SQL Server Reporting Services)

- Monitoring IIS application logs, System logs and security logs by using Event Viewer for troubleshooting application related issues
  - Graphical User Interface (GUI) was designed using ASP.NET MVC and the business logic was coded in C# [MVC Controllers]
  - Appreciated for suggesting, implementing the common business functionality in the nuget packages, which has improved the application performance. This suggestion was considered and implemented.
  - Migrated the legacy business functionality implemented in .Net Framework libraries to DOT Net Core 2.2 and created common nuget packages.
  - Interacted with the processor teams on regular basis for understanding their gateway requirements and designed the business services accordingly.
  - Responsible for providing estimates and timelines to the Project Manager for the user stories proposed by the product owner and delivering them sprint basis.
  - Fixing the Defects and implementing the new Features provided by the client on priority basis.
  - Followed SCRUM Methodology in Agile, and developed and delivered the releases on sprint basis.
- Environment:** Angular-5, ASP.NET Core 2.1 WEP API, LINQ, C#, Type Script, HTML, CSS, MSSQL, NServiceBus, RabbitMQ, Dapper

**ComakelT Inc., Hyderabad India – Senior Software Engineer; (Sep 2016 – Mar 2018)**

**Project:** Fleet Wave - Fleet Wave is a fleet management product that simplifies fleet, driver, fuel and assets management. Provides financial overview by analyzing the all the fleet management modules.

**Responsibilities:**

- Conceptualized Model View View Model architecture pattern to redesign the Fleet Wave application into a loosely coupled application. Responsible for migrating the Driver and Fuel management modules to single page application using Angular.
- Designed reusable User Interface (UI) components with responsive designs using Admin LTE libraries. Responsible for troubleshooting application related issues
- Involved in design, development and implementation of Internet/Intranet applications using C#.NET, ASP.NET MVC, VB.NET, ADO.NET, Entity Framework, AJAX, IIS, HTML, XHTML, VB Script, JavaScript, JQuery, AngularJS, React JS, XML, UML and PL/SQL, SQL Server 2012
- Developed XML Web Services using C#, ASP.NET, SOAP, XML, XSLT and WSDL
- Used SQL Server Reporting Services (SSRS), SQL Server Integrating System (SSIS) using SQL
- Involved in developing applications in C# and .Net Framework 4.0 to meet the business requirements using Visual Studio 2013
- Developed RESTFUL services using ASP.NET WEB API for the business and data layers that are consumed by the client-side application. Implemented Webpack in Angular for bundling and minifying the application for Development, Test and Production Environment's.
- Designed the data structures for the fleet content and implemented searching and sorting mechanism for the rendering the data to the client. Involved in sprint planning, daily standup meetings, sprint demo followed by release to the client, and sprint retrospective.
- Lead a team of four for triaging, fixing and delivering the defects that are reported by European region clients on the Fleet Wave application.

**Environment:** Angular 2/4, ASP.NET MVC4, Razor, WEP API, C#, Entity Framework, LINQ, MS SQL 2012, Type2012, Type Script, JavaScript, JQuery

**Thomson Reuters, Hyderabad India – Senior Software Engineer; (Nov 2013 – Aug 2016)**

**Project:** Pay Pac - Fleet Wave is a fleet management product that simplifies fleet, driver, fuel and assets management. Provides financial overview by analyzing the all the fleet management modules.

**Responsibilities:**

- Conceptualized Model View View Model architecture pattern to redesign the Fleet Wave application into a loosely coupled application. Responsible for migrating the Driver and Fuel management modules to single page application using Angular.
- Designed reusable User Interface (UI) components with responsive designs using Admin LTE libraries. Involved in design, development and implementation of Internet/Intranet applications using C#.NET, ASP.NET MVC, VB.NET, ADO.NET, Entity Framework, AJAX, IIS, HTML, XHTML, VB Script, JavaScript, JQuery, AngularJS, React JS, XML, UML and PL/SQL, SQL Server 2012

- Developed XML Web Services using C#, ASP.NET, SOAP, XML, XSLT and WSDL
- Responsible for troubleshooting application related issues
- Used SQL Server Reporting Services (SSRS), SQL Server Integrating System (SSIS) using SQL
- Involved in developing applications in C# and .Net Framework 4.0 to meet the business requirements using Visual Studio 2013
- Developed RESTFUL services using ASP.NET WEB API for the business and data layers that are consumed by the client-side application.
- Implemented Webpack in Angular for bundling and minifying the application for Development, Test and Production Environment's.
- Designed the data structures for the fleet content and implemented searching and sorting mechanism for the rendering the data to the client.
- Involved in sprint planning, daily standup meetings, sprint demo followed by release to the client, and sprint retrospective.
- Lead a team of four for triaging, fixing and delivering the defects that are reported by European region clients on the Fleet Wave application.

**Environment:** ASP.NET MVC4, Razor, Entity Framework, LINQ, MS SQL 2008, C#, RDLC, SSRS, SSIS and Crystal Reports, HTML, CSS

**CMC Ltd, Hyderabad, India – IT Engineer; (Nov 2010 – Sep 2013)**

**Project 1:** Automatic Software Testing Tool (SCSM-FordV1.2 ECU)

**Description:** Automatic Software Tester is an automation Testing Tool for verifying the peripheral functionality of the SCSM V1.2 ECU's by executing scripts.

**Responsibilities:**

- Understanding the Software Requirement specifications.
- Developing the Automobile Electronic Control unit Testing Tool as per the specifications provided by the client using ASP.NET, JQuery and SQL.
- Developed code for ARC applications using Visual studio, C#, TFS, SQL Server, Angular, ASP.NET, Web API
- Implemented the project using ASP.NET MVC and Angular, C#, WEB API, Entity Framework, SSIS and back-end database as SQL Server
- Enhanced the existing Application using ASP.NET web forms, ADO.NET, AJAX with new functionality
- Worked on the coding using C# for data access with ADO.net and Business access layer components
- Created ASP.Net web pages, views, models and controllers and unit test for testing the code
- Created the SSIS packages for importing of the data from existing sources
- Tracking and fixing the Bugs reported by the customer through SCR's.
- Interacting with other teammates for bug fixes and requirement resolutions.
- Designing new Automation Tester tool for the new Electronic Control Units (ECU's) through understanding ECU and then developing the ECU configurable testing tool.

**Environment:** ASP.Net, MS SQL 2005, JQuery, Java Script, Crystal Reports, HTML, CSS, XML

**Project 2:** Steering Column Switch Module (SCSM- V1.3 ECU)

**Project Description:** Interrogator is a PC Based Software Testing Tool to perform the Functional and Diagnostic Testing of SCSM ECU. This tool will communicate with the ECU on the CAN Bus. The Framework is developed to Read and Transmit the CAN Bus Messages, and to analyze the CAN messages with time, signal values. The initializing CAN Bus Messages, signals and its values are extracted from INI files. Diagnostic frame is used to transmit and view the response of the KWP commands. This tool is also applicable for car's at the field tests.

**Responsibilities:**

- Involved in direct client interactions for Requirements Development with the client.
- Develop the Tool and document as per the design/ architecture.
- Assigning the Task and preparing the weekly schedules for the entire team.
- Tracking and fixing the Bugs reported by the customer through SCR's.
- Performing RCA (Root Cause of Analysis) by code review.
- Assist and support other team members at debugging and Bug fixing.

- Verifying the Tools performance criteria.
- Worked on Reference Rate for modifications on new initiatives

**Environment:** C#, Win Forms, MS SQL, MFC, Crystal Reports

**Advan Soft Inc., Hyderabad India – Software Engineer; (Dec 2008 – Oct 2010)**

**Project:** Biometric Attendance System

**Project Description:** The theme of the project is to register and calculate employee IN and OUT Timings daily for the registered user. The Admin role will have the access to register and delete the users, and also generate the monthly and yearly report for all the employees, where in these reports are used for calculating the employee's attendance.

**Responsibilities:**

- Understanding the Software Requirement specifications and developing the tool as per the specifications.
- Involved in the hardware and software selection process.
- Designing and developing the biometric logic for capturing the user inputs as the biometric hardware and coding accordingly.
- Designing and developing the user authentication logic and saving the authentication time stamp of the user in the database.
- Developing win forms for the admin and user screens to add and get the user attendance requirements and reports.
- Writing SQL Queries, Stored Procedures, functions and views for MSSQL database.
- Developing and supporting in Waterfall SDLC methodology for delivering the requirements.

**Environment:** C#, Win Forms, MS SQL, MFC

**Candidate #2: Prashanthi Bodipudi**

<b>Name</b>	<b>Prashanthi Bodipudi</b>
<b>Proposed Role</b>	Application Developer
<b>Summary of Experience</b>	
<ul style="list-style-type: none"> <li>• Sr. Software Engineer having 15+ years of professional experience which includes Microsoft .Net Azure Architecture, analysis, design, develop and testing by implementing Object Oriented Programming Concepts (OOPS), Service Oriented Architecture (SOA) based Applications, Trouble shooting, User Interface using SO and OO approach, SOAP, client-server applications, N-tier applications, Web Services and Microsoft Enterprise Library.</li> <li>• Extensive knowledge in Microsoft Technologies using in .NET Framework (4.8/4.5/3.5/3.0/2.0) Windows and Web based application development using Microsoft .NET technologies ADO.NET, Visual Studio 2019/2015/2013/2012/2010/2008/2005, Visual Studio Code 2020/2019, Microsoft SQL Server and Microsoft Access.</li> <li>• Proficient in developing intranet, internet, N-tier, Client Server applications and well versed with Middleware, Back end, Front end and UI development using C#, VB.NET, ASP.NET, .NET Framework, .NET CORE, ADO.NET, Web Services, WCF, WPF and SQL Server.</li> <li>• Experienced with RDBMS concepts which include database programming using SQL Server Components: Transact-SQL, Stored Procedures, triggers, views, functions.</li> <li>• Fundamentals of Database Design, Data Modeling and Normalization.</li> <li>• Experienced and worked with software development methodologies and process models like Agile methodology, scrum and waterfall method.</li> <li>• Experienced in using Source Code Version Control Systems like Team Foundation Server (TFS), MS Visual SourceSafe (VSS), Tortoise SVN and GIT source controls.</li> <li>• Experienced with LINQ, Crystal Reports, and SSRS and business objects.</li> <li>• Demonstrated expertise utilizing ETL tools, including SSIS and DTS Packages.</li> <li>• Excellent technical and analytical skills with clear understanding of design goals of ER modeling for OLTP, dimension modeling for OLAP and worked on Multidimensional Expressions (MDX).</li> <li>• Good knowledge of .NET Framework, .NET CORE features including Namespace, Delegates and Inheritance.</li> <li>• Experience working with Creational, Behavioral and Structural Design Patterns.</li> <li>• Working experience with Model View Controller (MVC), Model View Viewmodel (MVVM) Patterns.</li> <li>• Expertise in HTML, DHTML, CSS, SASS, SCSS, JavaScript and validation controls for Form validations.</li> <li>• Experience in XML related technologies including XML, XSD, XSL and XPath.</li> <li>• Working knowledge of UML (Unified Modeling Language) standards and hands on experience in preparing Use Case Diagrams, Class Diagrams, Sequence Diagrams and Activity Diagrams.</li> <li>• Good knowledge of web technologies HTML.</li> <li>• Good work experience in Service Oriented Architecture (SOA) and Micro services architecture</li> <li>• Experience in developing Microservices using ASP.NET core.</li> <li>• Experience in creating Containers by Docker's for Microservices.</li> <li>• Experience working in an Agile process, include Continuous Integration and Test-Driven Development.</li> <li>• Able to Work directly with cross-functional agile teams to understand their specific JIRA needs and provide guidance and solutions</li> <li>• Able to Work with management and JIRA Admin peer to create a ticket-based process for handling incoming JIRA / Confluence change requests</li> <li>• Work experience on Microsoft Azure, Azure Active Directory, SQL azure, creating resource groups, subscriptions, build definitions and release definitions.</li> <li>• Experience working with Microsoft Azure Cloud based IAAS, PAAS and SAAS</li> <li>• Working knowledge on designing Azure systems, Azure functions and their storage accounts.</li> <li>• Strong proficiency developing solutions using Microsoft Azure.</li> </ul>	



- Worked with Microsoft Windows Azure includes a complete set of enterprise-ready data services, including Windows Azure Storage and SQL Databases.
- Knowledge of Azure virtualization technologies, an understanding of cloud hosting in Amazon Web Services, Azure or Google Cloud, distributed computing, CI/CD, etc. Highly Proficient in working within a Ticketing System, like Autotask, Jira, responding rapidly to/on escalated issues.

**Education & Certifications**

- Master's in computer application.
- Bachelor of Science with a Major in Mathematics and Computer Science. 2008
- Microsoft Certified Technology Specialist (MCTS) - Microsoft .NET Framework 4, Windows Applications
- Microsoft Certified Technology Specialist (MCTS) - Microsoft .NET Framework 4, Web Applications
- Microsoft Certified Professions (MCITP) - Database Developer 2008

**Technical Skills**

<b>.Net Technology</b>	.Net Framework 4.8/4.5/3.5/3.0/2.0, .Net Core, MVC, WCF, WPF, WF, ASP.NET, ADO.NET, LINQ, Web Forms, Win Forms, DevExpress, Web API, Silverlight, SharePoint Server 2007,2010 (MOSS).
<b>Methodologies</b>	OOM, Agile Methods (SCRUM).
<b>Cloud Computing Platform &amp; Services</b>	Microsoft Azure, AWS, Salesforce
<b>Web Development</b>	ASP.NET, C#.Net, VB.Net, JAVA, Python, APEX, Visual Basic 6.0, C, C++, Assembly Language, MVC, AJAX, Web API, MSMQ, HTML, DHTML, XHTML, AJAX, XML, Json, JavaScript, jQuery, vue.js, React.js, Angular JS, Bootstrap, CSS, SASS, SCSS, PL/SQL, APEX, SOQL, SOSL, Aura Lightning.
<b>Database</b>	Microsoft SQL Server 2018/2015/2012/2010/2008, DataObject.NET, Entity Framework, LINQ, ADO.NET, PL/SQL, T/SQL, SSIS, Oracle, and MS Access.
<b>Development Tools</b>	Visual Studio.Net, Visual Studio 2019/2015/2013/2012/2010/2008/2005, Visual Studio Code 2020/2019.
<b>Web Services</b>	WCF, Web Services, Micro Services, Restful Web services and SOAP.
<b>Web Servers</b>	IIS 5.0/6.0/7.0, Apache Server, Tomcat Server.
<b>Reporting Tools</b>	Crystal Reports, SQL Server Reporting Services (SSRS).
<b>Source Control</b>	MS Visual SourceSafe (VSS), Team Foundation Server (TFS), Tortoise SVN, GIT, Bit Bucket, Azure GIT Repo.
<b>Other Tools and Technologies</b>	SQL Server Analysis Services (SSAS), Salesforce Classic, Lightning Experience, Aura Framework, SaaS, PaaS, IaaS, Jira, Sync Fusion, ReSharper, Ants Profiler, Win Debug, Z-Graphs, Autotask.

**Chronological Relevant Work History**

***Integrated Merchandising Solutions (IMS), Morton Grove, IL – Sr. Software Engineer; (May 2015 – Present)***

**Project:** POS - Point of Sale Websites (Constellation, Kraft foods, Craft Brew Alliance, Spectrum, Remy Martin, Proximo Spirits, Carters, JUUL, Walgreens, MCD Canada, Gatorade-Sportsretail), Print on Demand Integration, MuleSoft Integration, Credit Card Integration  
 Worked on multiple Points of sale E-commerce web-based projects with Web forms, MVC, Page Flex, Mule, Azure, Salesforce and Web API.

**Responsibilities:**

- Involved in Requirements Gathering, Analysis and design of the project.
- Develop POS ordering ecommerce websites for clients using ASP.Net Core MVC 5.0 framework, C# language.
- Designed and implemented Integration API Engine using ASP.NET Core Web API, C# language.
- Designed and implemented API endpoints using .NET Core, C# language.
- Enhance existing websites to provide additional functionality as requested by clients, production teams, and account management teams.

- Create WEB APIs to support Print on Demand solutions and integrate with the existing POS web applications.
- Create sophisticated SQL Server 2012 database to responsively handle complex queries, stored procedures and .NET data access components, Entity framework and LINQ.
- Extensively used Visual Studio 2013, ASP.NET, VB.Net, JavaScript, XML, HTML, CSS for development of Web pages
- Participated in analyzing, designing and implementing code change requests for the C/C++
- Involved in the development of code Change Requests and fixing of issues/defects
- Performed tasks related to identifying and troubleshooting application related issues in production environments
- Designed and Developed Web API for Micro Service.
- Responsible for documenting explanation of the code changes made throughout the development process
- Designed and Consumed XML Web Services using Micro Services.
- Worked with SAML as a federated Identity and Implemented Service Provider and Identity Provider for SSO.
- Used jQuery components like jQuery UI, jQuery Data tables, jQuery Grid and other numerous jQuery Plugins.
- Actively used Elmah, and Custom Exception management and logging.
- Develop and implement interfacing solutions with the backend ERP system (JD Edwards).
- Analyzed, Strategized & Implemented Azure migration of Application & Databases to cloud.
- Worked on Microsoft Azure (Public) Cloud to provide IaaS support to client. Create Virtual Machines through Power Shell Script and Azure Portal.
- Manage and Create Storage Account and Affinity Group in Azure Portal.
- Converted .Net application to Microsoft Azure Cloud Service Project as part of cloud deployment and migration.
- Hosted .net web applications with Azure App Service.
- Existing .net applications were Deployed to Azure after every enhancement.
- Using Azure diagnostics to collect diagnostic data from worker role and web role.
- Developed and Implemented web services layer hosted on Windows Azure.
- Used AAD Graph API to programmatically access Azure Active Directory through REST API endpoints.
- Migrated databases from SQL Server to Azure SQL Server. Implemented the database components in Azure SQL.
- Used Azure components like Service Bus implements a communication system between mutually interacting software applications, Message Queues.
- Created a database known as SQL AZURE database, which integrates with Active directory.

**Environment:** .Net, MVC 5.0 , .NET Framework 4.5, Visual Studio 2015, SQL Server 2012, JQUERY Mobile, C#.NET, ASP.NET 4.5, .NET CORE, LINQ, ADO.NET , OOAD, SSIS, SSAS, SSRS, Interfaces, Messaging, AJAX, SVN, XML, HTML, SOAP, XAML, IIS 7.0, Json, JavaScript, JQUERY, React JS, Angular JS, Vue JS, CSS, SASS, SCSS, Windows Services, Micro Services, Web Services, Source Tree, GIT, Bit Bucket, AWS, Azure Cloud, Azure GIT Repo, Salesforce APEX, Lightning Experience, SOA, NUNIT, Agile, Web API, Bootstrap, Blue Pay, Snap Pay, Selenium, Kendo, Mule soft, JD Edwards, SOLR, Source Tree, Bit bucket, Go Anywhere jobs, ReSharper , MuleSoft, Autotask and Jira

#### **Job Management System:**

This project named Job Management System [JMS] for different clients of PepsiCo, McDonald's US, McDonald's Canada, Kraft Foods, Labatt, Constellation... etc., is in two version of a web based and windows based project, developed in MVC5.0 version and WPF, XAML, this contains various modules, Job management module, SKU management, Communication between JMS and JDE system by web API, Dynamic content management and Admin user role management module, customer/institutional orders billing other institutional and MIS reports, Snap Pay integration etc, This application will also allow SSO (single Sign-On) feature between different lines of business in JMS application.

**Payment Gateways:** Snap Pay is a secure, end-to-end payment solution that meets the processing requirements for Sales Orders, Accounts Receivable, and Accounts Payable. The combination of credit

card and ACH processing, PCI security, ERP integration, and customer/vendor self-service payment portals make Snap Pay the most complete J.D. Edwards payment processing application.

**Responsibilities:**

- Participated in software Development Life Cycle (SDLC) process including Analysis, Design, Programming, and Testing and worked with multiple development teams.
- Involved in Agile methodology and participated in design and code review meetings to deliver the projects in small iterations.
- Worked on T-SQL programming (triggers/views/functions) in SQL Server including data integrity and schema enhancements.
- Worked with production team in identifying defects for critical issues.
- Worked on production queue and tracked defects from users and solve issues.
- Worked on writing technical specifications and done unit testing of an application.
- Worked on creating SSRS reports using sub reports and parameterized reports.
- Implemented complex transformations in SSIS by creating new packages and load data in tables as needed.
- Wrote queries to produce reports using SQL Server Analysis Services (SSAS) and SQL Server Reporting service (SSRS)
- Worked on the Data Access Layer (DAL) and create new classes and methods to retrieve data in an application.
- Developed new web pages using Visual Studio 2013, VB.NET, ASP.NET, HTML and CSS for styling the ASP.NET pages.
- Responsible for Debugging Code and coding for existing systems within Microsoft Visual Studio 2013
- Building Windows Application with ASP.NET, C#, JavaScript, HTML, XHTML, CSS
- Worked on presentation layer using HTML, JavaScript and jQuery.
- Used jQuery to call server side ASP.net methods from client side without any post back.
- Involved in migrating existing application to MVC application using C#, ASP.NET, .Net Framework and .Net Core.
- Used SVN, GIT as code depository for our different solutions in ASP.NET application
- Involved in the Requirement Analysis for different code change requests
- Responsible to upgrade and configure existing Code as well as define new features in order to integrate with existing systems
- Responsible for delivering agile projects that provide exceptional business value to users.
- Guiding agile project teams to achieve a high level of performance.
- Used MVC architecture and involved in high-level design of the system.
- Extensive experience with SQL Server, especially when using OR Mappers such as NHibernate and Entity Framework with a code first approach.
- jQuery to improve user experience on web pages.
- Developed private and public Web APIs, using ASP.NET Web API
- Worked on a new view-engine option called Razor using static HTML (or any textual content) and then make it dynamic by adding server code to it.
- Used MS Test and NUnit unit testing framework to execute test scripts and display the results.
- Worked on generics, collections, assemblies and GAC in application development.
- Used Data Grid, Form View and Details View to display data on web pages.
- Involved in designing and development of Service Oriented Architecture (SOA) services using Web Services/ WCF.
- Worked on ReSharper tool for C# code analysis, editing, highlighting and refactoring feature.
- Using LINQ to SQL for building and executing a query and lambda expressions.
- Windows Presentation Foundation (WPF) class hierarchy.
- Implemented WPF to create attractive and effective user Interface using XAML Document.
- Use Extensible Application Markup Language (XAML) to design the appearance of the application's user interface (UI), write C# code to build the application's behavior.
- Modifying and creating new (DML, DDL) SQL scripts and store procedures in SQL Server databases.
- Integration testing for applications, Production Support.

**Environment:** Visual Studio 2013, ASP.NET 4.5, C#.Net, .NET CORE, WPF, XAML, MVVM, MVC 5.0, Razor, Web Methods, SOAP, Web services, WCF, NHibernate, Autofac, Json, jQuery, NUnit, JS, knockoutjs, Nlog, Bootstrap, AJAX, Kendo UI, Telerik Controls, ADO.NET, Mainframe, Design Patterns, SQL Server 2008, T-SQL, SSIS, SSAS, SSRS, ReSharper, XML, LINQ, IIS, SVN, GIT

**Microsoft, Seattle, WA – .Net Lead; (Feb 2014 – Apr 2015)**

**Project:** Central Provident Fund Board (CPFBoard)

**Project Description:** This project named Central Provident Fund Board (CPFBoard) for Microsoft, which is web-based project developing in MVC5.0 version; this provides a suite of personalized services to different cohorts of target audience (Members, Employees, and Business Partners). It is used for all the members who reside at Singapore for saving of the fund managing accounts, retirement funds and many other account managing policies.

**Responsibilities:**

- Participated in software Development Life Cycle (SDLC) process including Analysis, Design, Programming, and Testing and worked with multiple development teams.
- Involved in Agile methodology and participated in design and code review meetings to deliver the projects in small iterations.
- Responsible for delivering agile projects that provide exceptional business value to users.
- Guiding agile project teams to achieve a high level of performance.
- Instructed and modeled core Agile principles of collaboration, prioritization, team accountability and visibility; ensured consistent application of scrum methodologies across the enterprise
- Worked with the BA, PM in gathering requirements and worked on team assignments and individual projects.
- Technical leadership for design, development and testing of the implementation effort.
- Worked on Coding/Programming tasks to specification, Trouble shooting, User Interface and in accordance with development standards.
- Used MVC architecture and involved in high-level design of the system.
- Extensive experience with SQL Server, especially when using OR Mappers such as NHibernate and Entity Framework with a code first approach.
- Assisted in troubleshooting application related issues and environment failures
- Created new XML documents to retrieve data from databases.
- Worked on the Data Access Layer (DAL) and create new classes and methods to retrieve data in an application.
- Developed new web pages using VB.NET, ASP.NET, Visual Studio 2013, HTML, jQuery and CSS or styling the ASP.NET pages.
- Worked on presentation layer using HTML, JavaScript and jQuery.
- Used jQuery to call server side ASP.net methods from client side without any post back.
- Involved in migrating existing application to MVC application using C# and ASP.NET.
- Worked on a new view-engine option called Razor using static HTML (or any textual content) and then make it dynamic by adding server code to it.
- Used MS Test and NUnit unit testing framework to execute test scripts and display the results.
- Worked on generics, collections, assemblies and GAC in application development.
- Used Data Grid, Form View and Details View to display data on web pages.
- Involved in design and development of Service Oriented Architecture (SOA) services using Web Services/ WCF.
- The Dependency Injection framework used for this project is AutoFac.
- Worked on ReSharper tool for C# code analysis, editing, highlighting and refactoring feature.
- Using LINQ to SQL for building and executing a query and lambda expressions.
- Modifying and creating new (DML, DDL) SQL scripts and store procedures in SQL Server databases.
- Worked on T-SQL programming in SQL Server including data integrity and schema enhancements.
- Implemented complex transformations in SSIS by creating new packages and load data in tables as needed.
- Wrote queries to produce reports using SQL Server Analysis Services (SSAS) and Reporting service (SSRS)
- Use TFS as code depository for our different solutions in ASP.NET application.

**Environment:** Visual Studio 2013, ASP.NET 4.5, C#.Net, VB.NET Windows 7 Operating System, MVC 5.0, Razor, Web Methods, SOAP, Web services, WCF, NHibernate, Autofac, Json, jQuery, NUnit, JS, knockoutjs, Nlog, Bootstrap, AJAX, Kendo UI, Telerik Controls, ADO.NET, Mainframe, Design Patterns, SQL Server 2008, T-SQL, SSIS, SSAS, SSRS, ReSharper, XML, LINQ, IIS, TFS

**Nano Metrics, Portland, OR – Lead Engineer; (Jan 2011 – Jan 2014)**

**Project:** MetroProStudio

**Project Description:** This project named MetroProStudio is for Nano Metrics. This is a framework or a software which operates a tool called MPX (Wafer Inspection Tool) which is used in inspecting a wafer in a Fab. In other words, it's a software which controls hardware. It provides the software services to identify and analyze defects on wafer in semiconductor technology. The process of making of an integrated chip involves different phases. In each phase wafer is processed and analyzed. While each process is happening, there will be some unwanted marks on wafer known as defects which humans can't identify. This software helps to identify defects and analyze defect nature. Here, the data is stored in the form of XML file called recipe.

Some of the services offered in this area are: Wafer Inspection, Automated Review, KLARF files reading/writing, Recipe Development and Automated Defect Classification.

**Responsibilities:**

- Participated in software Development Life Cycle (SDLC) process including Analysis, Design, Programming, and Testing and worked with multiple development teams.
- Involved in Agile methodology and participated in design and code review meetings to deliver the projects in small iterations.
- Responsible for delivering agile projects that provide exceptional business value to users.
- Guiding agile project teams to achieve a high level of performance.
- Instructed and modeled core Agile principles of collaboration, prioritization, team accountability and visibility; ensured consistent application of scrum methodologies across the enterprise
- Worked with the BA, PM in gathering requirements and worked on team assignments and individual projects.
- Technical leadership for design, development and testing of the implementation effort.
- Worked on Coding/Programming tasks to specification, Trouble shooting, User Interface and in accordance with development standards.
- Used MVC architecture and involved in high-level design of the system.
- Extensive experience with SQL Server, especially when using OR Mappers such as NHibernate and Entity Framework with a code first approach.
- Assisted in troubleshooting application related issues and environment failures
- Created new XML documents to retrieve data from databases.
- Worked on the Data Access Layer (DAL) and create new classes and methods to retrieve data in an application.
- Developed new web pages using VB.NET, ASP.NET, Visual Studio 2013, HTML, jQuery and CSS or styling the ASP.NET pages.
- Worked on presentation layer using HTML, JavaScript and jQuery.
- Used jQuery to call server side ASP.net methods from client side without any post back.
- Involved in migrating existing application to MVC application using C# and ASP.NET.
- Worked on a new view-engine option called Razor using static HTML (or any textual content) and then make it dynamic by adding server code to it.
- Used MS Test and NUnit unit testing framework to execute test scripts and display the results.
- Worked on generics, collections, assemblies and GAC in application development.
- Used Data Grid, Form View and Details View to display data on web pages.
- Involved in design and development of Service Oriented Architecture (SOA) services using Web Services/ WCF.
- The Dependency Injection framework used for this project is AutoFac.
- Worked on ReSharper tool for C# code analysis, editing, highlighting and refactoring feature.
- Using LINQ to SQL for building and executing a query and lambda expressions.
- Modifying and creating new (DML, DDL) SQL scripts and store procedures in SQL Server databases.
- Worked on T-SQL programming in SQL Server including data integrity and schema enhancements.

- Implemented complex transformations in SSIS by creating new packages and load data in tables as needed.
- Wrote queries to produce reports using SQL Server Analysis Services (SSAS) and Reporting service (SSRS)
- Use TFS as code depository for our different solutions in ASP.NET application.

**Environment:** Visual Studio 2013, C#.NET 4.5, DevExpress, VB.NET Windows 7 Operating System, WPF, Custom MVC and MVVM architectural Pattern, Design Patterns, ADO.NET, Entity Framework, LINQ, SQL Server 2008, T-SQL, SSRS, SSAS, SSIS, Infragistics, ReSharper, XML, IIS, TFS, Sync Fusion, Ants Profiler, Win Debug

***MK Universal, Plano, TX – Sr .Net Developer; (Jan 2009 – Dec 2010)***

**Project:** Shweta Online Exams - This project named Shweta Online Exams (Web Application) is for MK Universal, which is web-based Ajax enabled project, this contain mainly four modules Home, Exam Management, Payment and Result modules. It is used for the internal purpose of the company which is produces the online Exams. This site is used for creating Exams and Questions for the online exam site and Used for maintaining the internal Payment details of the online exams site costumers and their payment details. And this site is used for showing and maintaining the Results of the Exams which the students written in online exam site. The Exam management module having 4 sub modules the subject details sub module we will create a subject for the online Exams site and using the difficulty we will create the Difficulty level for the online exam site, using Exams we will create the online Exam for the online exams site, using Questions we will create Questions for the online exams and we have a facility to import the question from the Word doc. Using payment, we will maintain the user site shopping cart details, using Results will maintain the results of the exams which is written by the user site students and these are useful for Performance reports for the students and these are sent to their parents through mails.

**Responsibilities:**

- Worked with BA, PM and QA on business requirements at all stages of the software development life cycle. Designed and developed business Logic using C#.Net and Visual Studio 2008.
- Used Scrum methodology and participated in design and code meetings. Used 3-tier architecture and involved in high-level design, Trouble shooting, User Interface of the system.
- Worked on application business logic for customization and added new functionality.
- Worked on the Data Access Layer (DAL) to retrieve data from databases in C# code.
- Used ASP.NET AJAX Toolkit controls and JQuery to improve user experience on pages.
- Developed web pages using ASP.NET, HTML, JavaScript and JQuery and CSS for styling the ASP.NET pages.
- Used JQuery to call server side ASP.net methods from client side without any post back.
- Involved in migrating existing application to MVC 3 application using C# and ASP.NET.
- Worked on Data Adapter and Data Sets in ADO.NET to access data in an application.
- Worked on new user controls and custom controls for code reusability on web pages.
- Involved in designing, development of Service Oriented Architecture (SOA) services using Web Services/ WCF. Involved in retrieving data using LINQ to SQL in the object model and sends them to the database for execution.
- Modifying and creating new SQL scripts and procedures in SQL databases.
- Involved in database normalization and created SQL queries to interact with the database.
- Worked on T-SQL programming and wrote stored procedures, triggers and functions in SQL Server.
- Wrote SQL scripts to alter tables and generated new columns for new requirements.
- Complex reports are being generated in SSRS using Ad-hoc and drill-down reports.
- Involved in ETL solutions using SSIS.
- Use TFS as code depository for our different solutions in ASP.NET application.

**Environment:** Visual Studio 2012, ASP.NET 4.0, C#, VB.NET, MVC 3.0, WCF, AJAX, JQuery, Json, Web Methods, Design Patterns, HTML, XML, CSS, Windows 7 Operating System, SQL Server 2008, T-SQL, ADO.NET, SSRS, LINQ, IIS, TFS

***ICSA, Hyderabad, India – .Net Developer; (Jul 2007 – Dec 2008)***

**Project:** Win Smart software - This project named Win Smart software is for ICSA (Innareddy Computer Software Associates), which is to transfer the data from the Energy Meter to PC using a Handheld

Instrument. This can be achieved either directly coupling the meter to PC or by connecting the meter through telephone link using modems or GSM network. The data from the field meters is collected using HHU (Handheld Terminal). The data transfer takes place through serial port. The data is then displayed and printed in different Formats like Tabular display, Trend diagrams and Histograms.

**Responsibilities:**

- Used Waterfall Model and participated in meetings and discussions. Involved in analysis and designing the business logic, Trouble shooting, User Interface for the application.
- Designed and created abstract classes, interfaces, classes to construct the business logic.
- Implemented data access layer (DAL) for connect to various databases for various groups.
- Designed and modeled N-tier architecture software agent using WCF service.
- Developed and used user defined namespaces along with system-defined namespaces.
- Extensively used ASP.NET Data Grid, Data List and Repeater controls for displaying data.
- Used ADO.NET objects such as Data Reader, Dataset and Data Adapter for consistent access to data base. Use Stack Panels, Dock Panels, Border and Canvas for creating Views.
- Designed and developed data access layer (DAL) to connect to the Oracle database.
- Involved in design of Entity Relationship diagrams on the database front.
- Worked in ADO.NET and wrote stored procedures, triggers, views and functions in Oracle.
- Used VSS and TFS for all the source code maintenance needs.
- Use SSRS for generating complex reports.
- Involved in Unit Testing and Integration Testing of an application.

**Environment:** Visual Studio 2008, ASP.NET 3.0, C#, VB.NET, AJAX, Custom MVC pattern, NUnit, Workflow Server, Crystal Reports, Windows XP Professional SQL Server 2005, T-SQL, ADO.NET, LINQ, SSRS, ReSharper, XML, XSLT, SVN, VSS, TFS

**SoftPro Systems, Hyderabad, India – Programmer Analyst; (Jan 2005 – Jun 2007)**

**Project:** Softpro Intranet System (SIS)

**Project Description:** This project named Softpro Intranet System (SIS) is for SoftPro Systems, which is being charted to replace the manual process of the consultants/employee's management, gross payroll creation, Invoice monitoring, Leave Details, User profiles, Custom Privileges, Timesheets and information with a web-based solution.

The comprehensive "Softpro Intranet Systems" software offers an organization insight into all aspects of business tasks which is existing in the organization like Maintaining Employee Information and providing privileges to the employees on the software application to access according to their Role, Department and Designation and maintaining HR Portals where the information required for the employees in an Organization from the Hr Department will be provided.

**Responsibilities:**

- Used Waterfall Model during the development of the project.
- Designed and developed user interface using ASP.NET.
- Developed and used Business Logic components using C# in an application.
- Used .NET validation controls for client-side validations and server-side validations.
- Implemented the navigation menu and master pages available in .NET 2.0
- Designed the interfaces needed for exposing business components required for an application.
- Extensively worked on Data Adapter, Data Readers and Data Sets of ADO.NET.
- Extensively used ADO.Net to retrieve and process data using C# to present to the user.
- Designed and developed the required SQL stored procedures, functions and triggers.
- Implemented JavaScript to give a rich look to the applications and to reduce the burden on the server.
- Involved in writing code on ADO.NET to communicate with database and ASP.NET Pages.
- Use Visual SourceSafe (VSS) and Team Foundation Server (TFS) for your current source code and past revisions.
- Experience in developing SSRS for generating complex reports and business reports using Crystal Reports.
- Involved in Unit Testing and Integration Testing of an application.

**Environment:** Visual Studio 2005, ASP.NET 2.0, C#, DevExpress, SharePoint 2007, ColdFusion, ADO.NET, Oracle, PL/SQL, MS Access, CSS, JavaScript, VSS, Crystal Reports, Windows XP Professional

**Candidate #3: Sravanthi Yerramsetti**

<b>Name</b>	<b>Sravanthi Yerramsetti</b>
<b>Proposed Role</b>	Application Developer
<b>Summary of Experience</b>	
<p>Around 10 years of Professional experience in all phases of SDLC which includes Analysis, Design, Development, Integration, Testing, Deployment and Maintenance of applications and Databases on Windows / Web distributed environments. 3+ years Comprehensive as a Full Stack Developer with proficiency in NodeJS, React.JS, JavaScript, jQuery. 7 years of experience as a senior dot net developer in C#.net and VB.net.</p> <ul style="list-style-type: none"> <li>• Experience in developing Web Applications with various frameworks .Net Server Frames ASP.net, C#, MVC, MVVM Silverlight, Xamarin, Java, XML/XSL, HTML, DHTML, JavaScript.</li> <li>• Experience with various MVC JavaScript frameworks like Node.JS, Backbone.JS.</li> <li>• Responsible for developing the partner Homepages using HTML5, CSS3, JavaScript, React JS, Node JS and JQuery.</li> <li>• Experience in database programming using Oracle, MySQL, and proficiency in developing SQL Server in ADO.Net and LINQ to SQL as well as client server environments and also have experience with no SQL databases MongoDB.</li> <li>• Worked on many custom modules and widgets using React JS/CSS/HTML and made those cross-browsers consistent.</li> <li>• Extensive experience in IDE and debugging tools like Visual studio code, Visual Studio, Eclipse.</li> <li>• Utilized Node.js, Socket.io, Supervisor, Grunt, Yeoman, and Angular for scalable website architecture and real time technology.</li> <li>• Implemented Service Oriented Architecture by publishing and consuming Web Services, which has been developed using SOAP protocols, WSDL, XML, XSD, and REST.</li> <li>• Strong development skills including RESTful Web Services. Proficient in working with task runners GULP and GRUNT.</li> <li>• Comfortable working with MERN (MongoDB, Express, REACTJS, NodeJS) stack.</li> <li>• Performed unit testing using NUnit, XUnit, Jest, Enzyme aiding test driven Development in some scenarios.</li> <li>• Integration and deployment of applications done using tools like ANT, Maven debugging through logging frameworks like log4j.</li> <li>• Good experience in using various version controls like SVN, and CVS, GIT.</li> <li>• Experienced in developing UML Diagrams like use Cases, Class Diagrams and Sequence Diagrams using Rational Rose and MS Visio.</li> <li>• Worked on many Operating system environments including Windows 95/ 98/ NT/ XP/ 2000, 2008, 2012 Server, UNIX (including Sun Solaris), some flavors of LINUX Red Hat Enterprise.</li> <li>• Developed crypto rest services using NodeJS and integrated services with HSM (Hardware Security Module). Highly adaptable in quickly changing technical environments with very strong organizational and analytical skills.</li> </ul>	
<b>Education</b>	
<ul style="list-style-type: none"> <li>• B.Tech – Information Technology JNTU -2007</li> <li>• Masters –Software Engineering Stratford University- 2009</li> </ul>	
<b>Technical Skills</b>	
<p>•React •ES6 •jQuery •Angular •C#.Net •MVC •CSS3 •HTML5 •Bootstrap •MongoDB •MySQL •SQLSERVER •REST API •Node •NPM •JSON •GIT version control •TFS</p>	
<b>Chronological Relevant Work History</b>	
<b><i>Aclara Technologies/Hubbell, Herndon, VA – Sr. Software Engineer; (Dec 2016 – Present)</i></b>	
<p>Smart Grid Solution’s first-in-class ERP software for managing smart meter deployments is sold to Aclara Technologies which is later acquired by Hubbell Incorporated.</p> <p><b>Responsibilities:</b></p> <ul style="list-style-type: none"> <li>• Involved in developing and delivering production Responsive SPA using React with JavaScript.</li> <li>• Expertise with Axios - default configuration, interceptors and error handling</li> </ul>	

- Implemented REST services using NodeJS
- Experience with Micro Service Architecture and AWS.
- Familiar with GraphQL in NodeJS and .Net.
- Expertise with CSS/CSS3 and CSS Preprocessors like LESS and SASS.
- Created Single Page Applications (SPA) using React, Redux and React Router (ES6).
- Created Custom Reusable React Components Library.
- Familiar with Advanced React concepts like HOC's, Error Boundaries and Forwarding Refs.
- Used JEST and Enzyme for Test Driven Development.
- Created applications using Redux middleware with logger, Thunk. Highly adaptable in quickly changing technical environments with very strong organizational and analytical skills.
- Worked with MongoDB to maintain all the data easy JSON format. Developed the application for responsive to different screen resolutions using Bootstrap and React Material UI components.
- With the concept of ReactJS Worked on usage metrics and also end-to-end events tracing for analysis purpose.
- Used Babel to Resolve complex issues related to browser and network performance, cross-browser and legacy IE compatibility, client-side scaling, data modeling, usability and testability
- Strong development skills including RESTful Web Services. Proficient in working with task runners Web Pack
- Good experience in using various version controls like SVN, and CVS, GIT, TFS

**ApexCovantage, Herndon, VA – Senior Developer; (Nov 2014 – Dec 2016)**

ProField is Apex Smart Grid Solution's first-in-class ERP software for managing smart meter deployments. Covering every aspect of field management, its feature-rich modules include meter inventory control, training and certification, real-time, remote management of field operations, fault-resistant workflows, quality assurance, and real-time reporting.

- Involved in Requirements gathering and analysis of the system and assessment of the development time within the team.
- Implemented and Maintained code repositories of different branches such as DEV, TEST, UAT, PROD to avoid accidental deployments of untested code secured deployments by using change set by change set merges.
- Maintain the Technical Specifications for the work completed Interface design and development using Web forms. Created SSIS Package with C# code validations to load data that we get from the Client to the database as required format by ProField.
- Used Jira to track the bugs created by the users in the field and used TFS to track the bugs internally during the project development. Used SSRS Reporting services including the rdcl into aspx to generate new reports using XSD as data source.
- Used Entity-Framework 8.0 to have easy separation of code and Data model.
- Write and Execute Stored Procedure and Queries to validate the data a backend and to execute the desired result at front end.
- Involved in unit Testing, Debugging, Bug fixing, Performance Tuning, and Code optimization.
- Debugged the existing code for windows app on MC 67 Handhelds to fix the bugs in the field during the installation process.
- Making quick turn overs to fix the production data issues and maintaining lot of interfaces on the server in the task Scheduler.
- Involved in coding the web methods on the Web Services for Handheld Communication on Windows Mobile and Android Apps using Xamarin.
- Created TFS each, developer clouds Code projects for new client as an Administrator and managing permissions security.

**Plateau Inc., Vienna, VA – Sr. Software Engineer; (Mar 2014 – Nov 2014)**

**Project: WEBCASS**

- Upgraded all applications .net framework from 2.0 to 4.0 and resolved the issues faced upgrading the projects. Used SSRS Reporting services including the rdcl into aspx to generate new reports for STEP Program.
- Designed new Pages to make some enhancements requested by the Client in WEBCASS project.
- Resolved day to day tickets/bugs in the existing WASTE Management Project.

- Extensively used stored procedures to Select, Insert, Update and Delete the values from/into the tables.
- Optimizing the performance of the database stored procedures and creating intermediate tables of data for weekly, monthly and yearly reports and scheduling jobs to put the data to the tables.

**ApexCovantage, Herndon, VA – Sr. Software Engineer; (Mar 2013 – Mar 2014)**

**Project: ProTrak**

- Developed User Interface using MVC 3, C#.net, Kendo MVC controls, Java Script, CSS, HTML, JSON, Team Foundation Server (TFS) 2010, Entity Framework
- Involved in the changes to existing MVC pages for login and Change password pages and also added authorization and authentication of the pages using Membership database.
- Used Team Foundation Server (TFS) 2010 for safe check out and check in of the files.
- Used Entity Framework to work with relational data and used Linq to SQL queries to make changes to the entity sets. Used JSON data format to send the data from the client side in the ajax calls.
- Implemented notification service to generate emails for the changes happening in the workflow and test-driven code for some of the modules.

**Xceed Technologies, Chantilly, VA – Developer; (May 2012 – Jan 2013)**

**Project: Xynergy**

- Developed User Interface using Asp.net, C#.net, Silverlight, XML, Java Script, XAML, CSS, HTML.
- Used Infragistics Silverlight controls for the presentation layer of the UI.
- Involved in the changes to existing asp.net pages for login and Change password pages and also added authorization and authentication of the pages.
- Developed some ETLs to load the data files from the customers to database.
- Used WCF Services to make the UI communicate with database and created a WCF Service, which transmits JSON output for minimum data size on the wire.
- Developing Stored Procedures/functions and scripts using TOAD/SQL GATE DEVELOPER.
- Worked with Dependency Injection pattern and implemented some classes with Ninject.

**Unitek Technical Services, Centerville, VA – Developer; (Jan 2005 – Jun 2007)**

**Project: Multiple Internal Projects**

- Developed User interfaces with Asp.Net, C#, CSS, HTML, XML, JQuery and AJAX.
- Developed the site in DotNetNuke using the portals and module-based programming.
- Extensively used OWS [Open Web Studio] modules to program some extensions to the existing application.
- Extensively Used User Controls for implementing module-based programming in dot net nuke.
- Referential Integrity and Delete rules during the design phase of the base tables of the database and used LINQ to SQL to make the business logic and the presentation layer separate.

**NACCRRRA, Laurel, MD – Developer; (Oct 2009 – Nov 2010)**

**Project: Fee Assistance Program**

- Worked on **MS-Visio** to draw Use-Case diagrams, Sequence diagrams, Class diagrams.
- Developed User interfaces with **Asp.Net, C#, CSS, HTML, XML and AJAX**.
- Used **Telerik** controls to develop the presentation layer.
- Used Membership functionality to create roles.
- Used **SMTP** to send email to customers with different information of confirming their Program details.