Welcome, Lu Anne Cottrill

Procurement | Budgeting | Accounts Receivable | Accounts Payable

Solicitation Response(SR)   **Dept:** 1300   **ID:** ESR06102000000007432   **Ver.:** 1   **Function:** New   **Phase:** Final   ▼   **Modified by** batch , 06/10/2020

Header 📎 2

[List View]

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

Procurement Folder: 702868

Procurement Type: Central Contract - Fixed Amt

Vendor ID: VS0000019978

Legal Name: GenSigma LLC

Alias/DBA:

Total Bid: $427,000.00

Response Date: 06/10/2020

Response Time: 13:10

SO Doc Code: CRFQ

SO Dept: 1300

SO Doc ID: STO2000000002

Published Date: 6/2/20

Close Date: 6/10/20

Close Time: 13:30

Status: Closed

Solicitation Description: Addendum No 2 Supplemental Staffing for Microsoft Applicatio

Total of Header Attachments: 2

Total of All Attachments: 2

Proc Folder : 702868

Solicitation Description : Addendum No 2 Supplemental Staffing for Microsoft Applicatio

Proc Type : Central Contract - Fixed Amt

Date issued	Solicitation Closes	Solicitation Response	Version
	2020-06-10 13:30:00	SR 1300 ESR06102000000007432	1

VENDOR

VS0000019978

GenSigma LLC

Solicitation Number: CRFQ   1300   STO2000000002

Total Bid : $427,000.00   **Response Date:**   2020-06-10   **Response Time:**   13:10:57

Comments:

Signature on File	FEIN #	DATE

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

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Temporary information technology software developers	2000.00000	HOUR	$85.000000	$170,000.00

Comm Code	Manufacturer	Specification	Model #
80111608			

Extended Description :	Year 1 / Individual 1

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Temporary information technology software developers	2000.00000	HOUR	$85.000000	$170,000.00

Comm Code	Manufacturer	Specification	Model #
80111608			

Extended Description :	Year 1 / Individual 2

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	Temporary information technology software developers	500.00000	HOUR	$87.000000	$43,500.00

Comm Code	Manufacturer	Specification	Model #
80111608			

Extended Description :	Three (3) Month Renewal Option Individual 1

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	Temporary information technology software developers	500.00000	HOUR	$87.000000	$43,500.00

Comm Code	Manufacturer	Specification	Model #
80111608			

Extended Description :	Three (3) Month Renewal Option Individual 2

GenSigma's Technical Response to CRFQ: STO2000000002-Supplemental Staffing for Microsoft Application Development

For

STATE OF WEST VIRGINIA

Contact Person: Melissa Pettrey

Submission Mode: Online

Due Date: June 10th, 2020

Submitted by

Address:1 GenSigma LLC, 149 New Montgomery St, Floor 4, San Francisco, CA - 94105
Phone: 888-744-6287
Website: http://gensigma.com/
Email: vijayt@gensigma.com

Table of Contents

CRFQ: STO2000000002-Supplemental Staffing for Microsoft Application Development

1. Cover Letter

June 10, 2020
Attention
Melissa Pettrey / Buyer
Department of Administration
Purchasing Division
2019 Washington ST E, Charleston, WV - 25305

Phone: (304) 558-0094; Email: Melissa.k.pettrey@wv.gov

Subject: GenSigma's Response to provide the Supplemental Staffing for Microsoft Development to West Virginia State Treasurer's office.

Dear Melissa Pettrey,
On behalf of GenSigma, LLC., I would like to thank you for the opportunity to respond to the **West Virginia** RFQ for *Supplemental Staffing for Microsoft Development*. I believe that our enclosed response and documentation will reflect the clear advantages, philosophy, and strengths of choosing GenSigma LLC. as your valued staffing services partner.

GenSigma understands that the West Virginia Purchasing Division is seeking for vendors to provide the Supplemental Staffing to the Microsoft Application Development for the West Virginia State Treasurer's Office. We understood that the awarded vendor must supply staff for implementing the new source code control system. We have read the entire RFQ and state that we have extensive experience with many regional and national staffing programs, and our philosophy is building close alliances with our clients that produce favorable results for both the parties. As a successful staffing leader, we have a team of highly skilled professionals & recruiters and a robust data base comprised of the best candidates to provide flexible staffing options to fulfill the needs of STO. Our contract professionals have been known to add tremendous value in all their project endeavors.

GenSigma is a nationwide provider of IT Consulting Services and we have a successful business history of 5 years in meeting client services requirements. Our executive team has the experience of running successful technology businesses for the last 10 years with extensive experience of over 20 years in technology. Since then, we have been consistently recognized as a leader in providing innovative solutions to complex Staffing challenges. GenSigma has been awarded with numerous accolades by organizations such as: *"101 Best and Brightest Companies"* to work for in the Nation, *"Best in Baker's Dozen Customer Satisfaction Ratings"*, *"Best of Staffing Client and Talent Award"* to name a few. Our experience includes successful partnerships with many agencies in public as well as private sector. We have always achieved our best in providing labor categories in Administrative/Clerical, IT, Healthcare IT, Light Industrial, Engineering,

Accounting, Transportation, Pharmacy, Healthcare, and Others. Our recruitment solutions suite has been applauded by several our government customers in reducing their carbon footprint while optimizing their internal processes. This brings thought leadership to our Green IT initiatives.

GenSigma's employees are highly trained and experienced recruiters who focus on quality screening tools and procedures that will deliver quality candidates to the STO (State's Treasurer's Office) Our recruitment process utilizes several proven values for professionals. We have robust data base of the prescreened talent updated daily, we have a streamlined referral process that generates optimal pipeline candidate for current and future needs of the STO. As we assimilate to the temporary contract resources needs of the STO and review job descriptions, our recruitment group, after deep analysis of your requirements, proactively sourced candidates for current and future needs. This pro-active approach assures that we always have a pool of available talent for your needs. We consider STO opportunity to be a top priority for GenSigma and assure you that we will focus on all our broad resources to make the project a success, while navigating through the challenges in fulfilling the needs of STO. We seek to be your *"go to"* resource for these services.

I trust that you find our response insightful and comprehensive. If you have any questions or need additional information regarding this proposal, please feel free to contact me. GenSigma acknowledges to intent to execute an award agreement with the STO.

Thank you again for your consideration to allow us to participate in this RFQ. I am providing you with my personal assurance that we will exceed your expectations and our references will corroborate my assurance. We look forward to meeting with your team to detail our solutions and share the wide range of benefits that GenSigma can offer.

Sincerely,
Vijay Thirumalai.
Chief Executive Officer
Phone: 1-888-744-6287.
Email: vijayt@gensigma.com

Vijay Thirumalai

2. Company Background

We are very pleased to present our skills, capabilities, and experience as a technology Services Vendor/Integrator in response to the **Supplemental Staffing for Microsoft Application Development**. GenSigma has a proven track record of providing high quality services to our clients.

Overview:

Name of the Company	GenSigma LLC
Address	149 New Montgomery St, Floor 4, San Francisco, CA-94105
Telephone and Fax	Tel: 1-888-744-6287, Fax: 1-888-744-6287
Type of Company	**LLC**
Date of Company formed	09/24/2015
Company Principals	
a) CEO	Vijay Thirumalai
FEIN	475156698

Company History:

GenSigma is a leading provider of Technology Services, Solutions and Technology staffing to enable clients in Decision Making through Computing, Connectivity and Data Analytics.

We are here with the passion to deliver IT Staffing services and solutions through developing visionary insights in the industry. Our team have a great insight on the industry trends, that enable us to understand client requirements better and to empower the providers to derive the right services and solutions on time.

GenSigma is trusted by many reputed organizations nationwide to provide Information Technology Staffing and consulting services. With our excellent IT Consultants and a winning culture, GenSigma today is firmly established as one of leading IT consulting firms. And easy access to a global resource pool, GenSigma offers an extensive range of IT services to US businesses.

3. Experience

Our staffing team is substantially equipped with exceptional experience in designing, building and architecting technology. The combined 100+ years of leadership experience in building technology and relevant subject matter expertise, showcases the depth of knowledge and practical experience GenSigma carries in designing business solutions and successfully implementing them. This depth has been the cornerstone of our success in our technology staffing services and the quality of the consultants that we place on our projects. Our technical team drives the requirements and benchmarks for the role both from the RFP details and the industry experience building software systems, and the staffing team executes on these specific requirements to match ideal candidates for the role. With the guidance of our technical lead, the technical and implementation demands for this project should exceed the expectations of STO's Staff.

Over the course of our employee's careers, they have shown strong abilities to communicate effectively with both internal and external stakeholders, providing the technical insights needed to show the value of projects. Our teams experience encompasses the broad knowledge base requested for this project. Within our team of consultants, familiarity with government IT operations is present, including exposure to Government agencies.

GenSigma's internal staffing team has substantial experience with system implementation as well as hands on experience architecting and developing digital transformation projects, data migration projects, full stack implementations on dot net, MVC or Java script based front end systems, enterprise frameworks, service patterns, API services and business services to name just a few. Furthermore, the accumulated experience from all this, and the sufficient experience with the Software Defined Lifecycle (SDLC), makes us very confident on delivering a technical sound and competent team.

Please find below the details of some of the projects where we have provided IT resources

Client: Caradigm (a Microsoft Company)

GenSigma was the leading staffing partner for Caradigm (A Microsoft Company). We helped build Caradigm's population health platform that serves hospitals and health systems across the US. The population health system was built on a core Dot Net framework. Our deep expertise on both the front-end parts and the C Sharp skills were instrumental in building a robust and expandable platform. The Population health platform supported tens of millions of patient information and deep analytics for patient health management. GenSigma has

experience on staffing several different positions for this platform and have access to qualified resource for the following roles:

- Project Manager
- Implementation Architect
- Implementation Engineer – Integrations
- Implementation Engineer – Applications
- Database Systems Analyst
- Implementation Engineer - Server/Systems

Project Details:

GenSigma also provides ETL services for clinical/provider data on a project basis. A typical ETL project would run from project planning all the way to deployment & would be managed very similar to a software project engagement. Through many years of health care data extraction, we realized that a programmatic solution for ETL was untenable in terms of costs and time and developed a configuration driven ETL that offers the same flexibility and quality without the outsized burden of building the ETL every single time. The GenSigma model hinges on key components in the ETL design – a robust data entity model, a powerful & flexible data extractor and a config driven ETL that is flexible and extensible.

Client: State of CA, San Francisco Department of Technology

GenSigma was the staffing partner for San Francisco's Department of Technology's transition project to move from the centralized legacy system (CABLE / CMS) to the newly developed system "JUSTIS". Our approach for this modernization project was to address the three components listed below which encompasses both the data hub as well as the application hub activities for each of the nine criminal justice agencies.

- Conversion of legacy transactions to Oracle APEX
- Conversion of legacy reports to Power BI
- An overlay business analysis function to ensure that for each discrete criminal justice agency, its mainframe applications and reports have been identified and included in the conversion.

Our team worked with the Department of Technology in to staff all the positions for the project. During the project initiation / onboarding, our team aligned with the DT JUSTIS project team, including engineering staff as well as the original architect and programmers for CABLE3/CMS when needed.

GenSigma provided staffing services for various agencies within the County of San Francisco. GenSigma has experience on staffing several different positions for this project that includes:

- Business Analyst
- Oracle Developer
- Principal Business Analyst
- Technical Writer

Client: San Francisco Department of Public Works

GenSigma provided staffing services to the Department of Public works, SF. The Department was seeking a middleware consultant to select a replacement SOA/Middleware system based on our requirements and, once procured, design, configure and implement all the necessary integrations. Integration was designed to include batch uploads, real-time messaging, bulk data loads and ability to identify and minimize duplicate requests/messages.

San Francisco Public Works required the SOA/middleware software consultant to integrate with various department and City's enterprise applications which includes PeopleSoft, Infor EAM, EPM/MS Project Server and WebLogic. In additions to the integration with the department's internal applications and various SQL Server databases, there was also a need to support integration with the City's new PeopleSoft Financial System and the City's 311 system.

Client: Tenet Health Systems

GenSigma has been providing **Business Analysis, System Analysis, Project Management, Application Development, and QA/UA Testing** services on the following projects to various physician offices, hospitals, and ambulatory centers within the larger Tenet Health
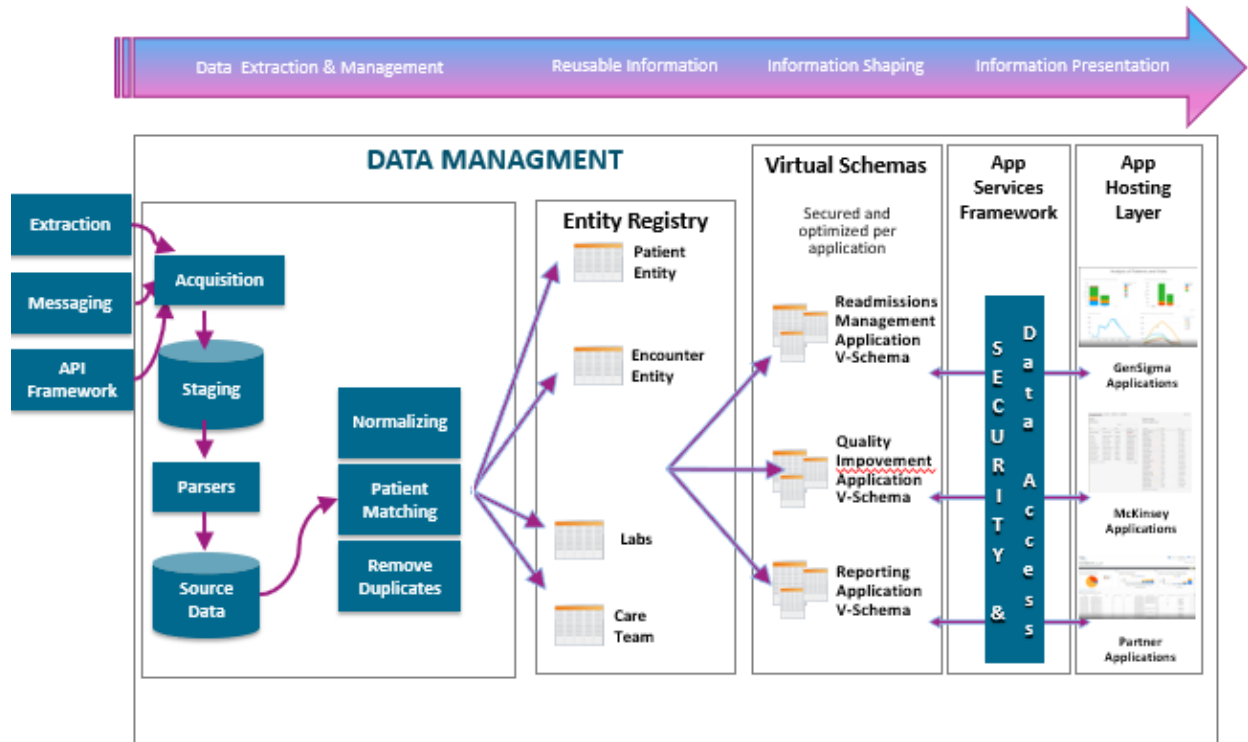
Data Extraction Engine: GenSigma drove the architecture, design and development of a dot net-based healthcare data adapter for the population health platform. The project involved building a desktop agent on the dot net core platform, a MVC based user interface and an cloud based data warehouse. GenSigma provided the resources for Project Management, System Architecture, BI analytics, Front end engineers, data extraction system engineers and cloud implementation architects.

Data Analytics Platform: GenSigma drove the architecture, design, and development of the data analytics platform for monitoring data consolidation from multiple sub systems. The analytics platform was built on the dot net framework and provided excellent visual analytics on the data pipeline.

Robert Half, Final Client: San Francisco Airport, City & County of San Francisco:

GenSigma provided data management and data architecture staffing services to the City & County of San Francisco. The city wanted architects to build out a data platform aggregating structured and unstructured data from all departments within the airport. The architecture involved detailed data pipeline, a data analytics front end build on MVC/dot net, a robust data warehouse big on Hadoop and alert management systems built on the dot net core platform.

TIFT Regional Hospital:

GenSigma has extensive experience in Implementing and Developing the Desktop Applications using various technologies such as Microsoft .Net, ASP.Net, etc.
GenSigma implemented dot net-based data extraction and data integration platforms for TIFT regional hospital for their population health efforts. TIFT's goal was to create desktop-based agents that would connect to a server in the cloud to give real time update on health metrics, notifications and alerts for the population TIFT was serving.

Technology Stack Used:
- **Microsoft .Net**
- **Microsoft Visual Basic**
- **ASP Development**
- **Visual Basic .Net**
- **GIT**

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4. Our Approach to the STO Staffing Requirements

GenSigma would interface by participating in all such activities that are required to gain complete insight into the project objectives and goals. We found this as the most critical success factor to deliver high quality deliverables to our clients. The work on all the assigned tasks and provide solutions where the staff requires in the project. We shall fully support the project staff and provide the required services to the STO. GenSigma assigns Vijay Thirumalai as an Account Manager for this RFQ. Please find the details below:

Contact Details	
Name	Vijay Thirumalai
Phone Number	1-888-744-6287
Email Id	vijayt@gensigma.com

GenSigma's Account Management team is well conversant with working with the States, Counties and local bodies on similar contracts and knows the criticality of their requirements. We are very particular about the communication we establish with our clients. To have effective communication, we believe that the communication needs to happen in the timeliest manner with our clients. GenSigma gives high priority for skilled resources who serve for our esteemed customers and we believe that staff should always be kept highly motivated to give their best output, which is pivotal for the success of any project.

Follow up on GenSigma resources selected and working for the Client: The Account Manager assigned ensures that service personnel assigned are performing to the expectations of the client's requirement. Periodic feedback on the performance of the individual is taken and GenSigma provides all support to the individual to excel in his assignment with the Client.

GenSigma shall report project progress, issues, and other information related to performance, throughout the project life cycle. The information will be distributed in mutually agreed frequency through the following methods, but not limited to:
- Project Meetings
- Hard-Copy documentation
- Faxes
- E-Mail
- Telephone calls
- Video Conferences
- A project web site

GenSigma will use project reporting templates of STO or we have our own Templates for reporting project progress. Information distribution shall be for the following, but not limited to:
- **Records:** Records will be memos, minutes of meetings, correspondence, emails, and any other relevant information. The information will be secured and organized throughout the project for future reference.

- **Reports:** Reports will be the formal communication on activities, status and conditions. Reports will be distributed on a weekly or bi-weekly basis depending on requirements or as requested by the County.
- **Presentations:** Presentations will be provided to the management, STO project team, and other stakeholders on an as needed basis.
- **Reporting Performance:** Throughout the contract, GenSigma proposed AM shall report on the performance to STO staff, to other State stakeholders, and to our Management.

Performance reporting shall cover the concerns of cost, schedule, and influence of risks on the project success. We shall monitor and evaluate risks, including pending risks and their impact on the project success.

4.1 Escalation Procedure

GenSigma takes pride in meeting or exceeding our customer needs in a timely manner as required by our clients. The Account Manager is responsible for Issue identification, Issue resolution, Performance tracking, Status reporting, and obtaining feedback from our clients.

- GenSigma commits to extend all the support to our assigned IT professionals to complete projects successfully and to meet or exceed STO Requirements.
- The Account Manager ensures that resources assigned with STO are performing to the expectations of the specified requirements. Periodic status and feedback is obtained on the performance of the individual.
- Any non-performance issues are identified well in advance and Account Manager will resolve those issues without any further delay.
- When needed, the Account Manager will seek the help of expert team at GenSigma, which comprises of Technical and Management members, for the timely resolution of any situation to provide best results to our clients.
- If the situation is not resolved at the Account Manager level, it gets escalated. The details are as follows:

Level	Account Manager →	Chief Operating Officer →	Chief Executive Officer
GenSigma's internal indicative timeframes for corrective action	1 day (max)	1 day (max)	ASAP
	If the issue is not resolved within 1 business day, it gets escalated to the COO	If the issue is not resolved within 2 business days, it gets escalated to the CEO	Corrective Action

Customer Satisfaction is our highest priority and in the MOST unlikely event of our resource needs to be terminated from a placement due to performance issues, OR if the resource would like leave the assignment due to personal reasons or for illness, OR any other situation that cannot be resolved

to our client satisfaction, we will propose to replace the resource. We will provide a new resource ASAP or within the mutually agreed timeframes.

- o If the resource is terminated and if additional training time is needed on the new resource, we will ensure that our other assigned resources on the project spend additional time to get the new resource up to speed.
- o We will compensate our employees for the additional time spent and will not invoice the client. In case regular hours are spent by existing resource, we will not invoice our client on the new resource for the first week.
- o We will ensure that provided replacement is at the same rate, even if we must pay a higher wage on the replacement and is of equally or better skilled.
- o In case replacement resources are not available immediately, GenSigma will provide resources that are working as part of our product teams in our Development Centers, to ensure not to impact the Project performance.

We also use our Accounting System tool to track the engagement of our resources and their performance details, so we could readily know the resource performance, billing hours, status, and other required details to help us meet our client needs successfully. We use the same tool for generating various status and progress reports.

5. **Candidates Qualifications**

GenSigma assigns following resources for the STO Requirements. Our assigned resources will accomplish the required deliverables, verify, and deliver as planned. The acceptance of deliverables will be based on the criteria defined by the STO. Our proposed Consultants will work with STO team for the development of a high-quality deliverables within the project timeline. Our consultants will follow the commodity codes and best practices in developing the deliverable documents. Please find the details of our candidates below:

Name	Title	Qualifications
Tarun Teja	Microsoft .Net Developer	• Master's in Information Systems, in the year 2016, California University of management and science. Arlington, VA. USA. • Pursuing PHD in Information Technology, University of The Cumberland's, KY. USA
Avijit Mitra	Microsoft .Net Developer	• Bachelor's degree (B.COM(H)) – 2000 – University of Calcutta – India

Please find the details of our proposed resources in RESUMES section

6. Resumes

Please find the resumes of our candidates below:

6.1 Candidate 1: TARUN TEJA

<u>**Professional Summary:**</u>
- Around 7+ years of experience in software design, development, maintenance, unit testing, debugging, and troubleshooting Inter/Intranet based software applications using Microsoft Technologies.
- Worked in all phases of SDLC including requirements gathering, analysis, graphic user interface (GUI) design, reviews, scoping, coding, testing, debugging, documenting, building and deployment.
- Experience in Coding and Development using Microsoft .Net technologies ASP.NET, C#.NET, VB.NET, ADO.NET&AJAX, LINQ, XML, XSLT, XSD
- Experience in XML/XSLT and web technologies desired (SOAP and/or RESTful web services, SOA, etc.)
- Experience in Design, Developing, Bug Fixing and Testing using Microsoft .Net technologies ASP.NET, C#.NET for a windows application which is used to perform diagnostic report in Trucks.
- Experience in Visual studio 2008/2010/2012/2013/2015/2017/2019, .Net Framework 3.5/4.0/4.5/4.5.1/4.6
- Expertise in Web Forms, Win Forms using .Net Technologies.
- Proficient in working with databases including SQL Server 2005/2008 R2/2012, SQL Client and MySQL.
- Proficient in working with Web Services, Restful, WCF & Web API, WPF, User Controls using Views.
- Proficient in working with Exception Handling and logging using Enterprise Application block Log4Net.
- Proficient in working with Entity Framework, Telerik Kendo UI
- Hands on Experience on ASP.NET State Management techniques like View state, Cookies, Query strings & Session management.
- Expertise in designing ASP.NET based GUI with CSS, JavaScript, TypeScript, jQuery, AJAX, Multithreading, HTML, HTML5, AngularJS5.
- Evaluate and identify best practices for implementing Angular 7.
- Develop the front-end components using HTML5, CSS3, Bootstrap 3, and Angular 7.
- Good domain knowledge on Insurance, Financial, Retail Management, Product based Development.
- Good working experience in HTML5 & Responsiveness in multiple device resolutions.

- Proficient in working with Dependency Injection in Web API.
- Experienced in End-to-End Software Development Life Cycle using Waterfall (SDLC), Agile Methodologies
- Participated in sprint planning, daily scrums, testing, retrospectives and sprint reviews.
- Good in working with Third Party integrations like ASP.NET Charts, Twitter.
- Proficient in working with URL Redirection, SEO Related changes and SMTP Email API Integration.
- Good Sites detect the scrapers by examining the IP address experience.
- Experience in avoid same IP address scrapping by using proxy servers which allows to route requests through a series of different IP addresses.
- Proficient in working with 3-Tier Architecture and Architectural design pattern like MVC, MVVM.
- Experience on visual studio ultimate on developing Coded UI testing, Automation, Load and performance testing with visual studio ultimate.
- Highly organized with the ability to manage multiple projects and meet deadlines.
- Excellent verbal and interpersonal skills, good analytical and debugging skills; systematic approach to system architecture design and programming tasks.

Technical Skills

- **Programming Languages:** C#.Net, VB.NET
- **Microsoft Technologies:** ASP.NET, MVC4.0/5.2/6.0, AngularJS1.3/1.4/1.5/2.0/4.0/5.0/ 6.0/7.0/8.0, C#.Net, ADO.Net, Web Services, Web API 2.0, WPF, AJAX, JSON, React JS.
- **Scripting Languages:** JavaScript, TypeScript, PHP, jQuery, VBScript, Node JS.
- **Reporting Tools:** Crystal Reports, SSRS
- **Operating Systems:** Windows 2007,08,10, Unix, and Linux.
- **Databases:** Microsoft SQL Server 2008,2012,2014.
- **IDE:** Microsoft Visual Studio 2008/2010/2015/2017.
- **XML Technologies:** XML, XAML, XSLT.
- **Cloud Platform:** Microsoft Azure, AWS.
- **Framework:** .Net Frameworks 4.5/4.7, Entity Framework, Kendo UI.
- **Version Control:** TFS, GitHub, VSTS, Rally.

Education

- Master's in Information Systems (Done Master's in the Year: 2016) California University of management and science. Arlington, VA. USA.
- Pursuing PHD in Information Technology, University of The Cumberland's, KY. USA.

Professional Experience

CRFQ: STO2000000002-Supplemental Staffing for Microsoft Application Development

Client: University of Texas Medical Branch, TX, USA
Power and My Power   **Oct 2019 – Till Date**.
Role: Software System Specialist III.

Job Description: My Power is a web-based application designed for users to view their demographics, productivity, performance, grant data, endowment data, financials, MOA's, FEEA's and quality metrics, Power is a web-based application designed for multiple modules, including A.E. Service Center, recruitment, faculty management, compensation, teaching, endowments, grants management, faculty evaluations, productivity, and associated reports.

Responsibilities:

- Full Software Development Life Cycle (**SDLC**) such as **Analysis**, **Design**, **Development**, and **deployment**, production support of a .NET application.
- Following **agile methodology**, we have daily scrum and 2-week sprint where every sprint consists of 32-point stories.
- Used agile scrum methodology to deliver in sprints, Code Review Meetings, and retrospective meeting actively
- Used **LINQ** queries to filter data set that is obtained from views, functions, entities in the repository layer.
- Experienced in working Microsoft Azure web application development with **TDD** integration.
- Implemented front end design using **Devextreme** controls, **ASP.NET**, **CSS3**, **HTML5**, **TypeScript**, **jQuery**, and **Bootstrap**, and business logic using **C#**.
- Experienced in working with OOP concepts using algorithms, standard data structures and multi-threading.
- Created **web API** responsible for communicating and providing real time data from integrated server to client application with IIS 8.0/8.5 security model.
- Experienced in developing views, controllers and business logic models using **C#**.
- Implemented queries using **LINQ** for effective access with database and easy handle of file operations.
- By using document database, each entity that the application tracks are stored in a single document.
- Experience in building, maintaining, and testing service on **Azure portal**.
- Experience in working **Azure Portal** for **Sql Databases**, **Data Factory**.
- Experience in **Swagger UI** to create versioning, documentation, and testing **API's**.
- Experience in **Entity Framework code first approach** using migration created tables based on entities with database connection in the backend.
- Experience in re-directed the user to the login page after web session expired when an **AJAX** request is made using **jQuery** Global **AJAX** Event Handlers.
- Experience in developing, maintaining, and testing the entire code **with Visual Studio 2017/2019**.

- Using **Team Foundation Server (TFS)** and **GIT** version controls for all the environments and code deployments.
- Developed the application **.NET Core 3.1**, **C#**, **HTML5**, **CSS3**, **jQuery**, **TypeScript**, **AngularJS6+**, **Ajax**, **Visual Studio2019**.
- Setting up **Angular 7** framework for UI development. Developed html views with HTML 5, CSS, jQuery, JSON, and Java Script.
- Upgrading to latest versions of .NET Framework with dev collaboration team meetings.
- Developed **CRUD** functionality with Entity framework in **ASP.NET MVC** and implemented sorting, filtering, paging with Entity framework in **MVC5**.
- Experienced in developing all the backend business logics and creating data clients with repositories.
- Written test cases and have performed unit testing for each of the task assigned and done thorough testing whenever there is a release using **X-Unit**.
- Experience in **TDD** Process for the Applications until they get succeed.
- Inscribed **SQL** scripts and extensively designed and developed Stored Procedures,
- Functions and Packages in **SQL Server 2016** to execute various database routines.
- Experience in configuration of server without getting blocked with scraping by using User agent.
- Desirable Skills: Technical documentation, Automation, Manual Testing, Unit Testing.
- Worked in a fast-paced environment and followed agile methodology.

Environment: ASP.NET CORE 3.0/3.1, ASP.NET MVC 5.0/6.0. C#.NET 5.0/6.0, .Net Framework 4.5/4.6, .Net Core 3.0, Angular 7, X-Unit, Visual Studio 2017,2019, Agile, IIS8.0/8.5, Entity framework Core/5.0, SSRS, SSIS, Web services, Entity Framework, TypeScript, HTML5, CSS, TDD, SQL Server 2016, Swagger, Team Foundation Server, GIT, Azure Data Factory.

Client: TCS/Cigna, PA, USA
Client Information Data Base (CID)   **Mar 2019 – Aug 2019.**
Role: .Net Developer.
Job Description: Client Information Data Base tool is to collect information about a pharmacy plans, structures, administrative provisions for a client. CID will allow sales to capture upfront client and sales data in one place and make it available downstream for case installation. By using this application, the visual basic application excel sheet can be extracted. Each CID follows a template to ensure all the required information are collected.
Responsibilities:
- Involved in Software Development Life Cycle (**SDLC**) such as Analysis, Design, Development, and deployment, production support of a .Net application.
- Following agile methodology, we have daily scrum and 3-week sprint where every sprint consists of 32-point stories.
- Used **AGILE SCRUM** methodology to deliver in sprints, Code Review Meetings, and retrospective meeting actively.

- Used **LINQ** queries to filter data set that is obtained from complex stored procedure, views, functions, and Entities in the repository Layer.
- Experienced in working Microsoft **Azure web app** and **CI/CD** integration for each version deployment.
- Implemented front end design using **ASP.NET**, **CSS3**, **HTML5**, **JavaScript**, **TypeScript**, **jQuery**, **AngularJS6**, and **Bootstrap**, and business logic using **C#**.
- Experienced in Developing application using algorithms, standard data structures and multi-threading in C#.
- Created **web Services** responsible for communicating and providing real time data from integrated server to Client Application.
- Experienced in developing views, controllers and business logic models using C# in the backend.
- Worked on WCF services by creating Contracts, Configured, end point bindings and hosted on IIS7.0
- Implemented Queries using **LINQ** for effective access with database and easy handle of file operations and **XML**.
- Experience in developing, maintaining, and testing the entire code with **Visual Studio 2017/2019**.
- Developed the application **.Net Framework 4.5/4.7.1**, .Net Core 2.1, **C#**, **HTML5**, **CSS3**, **jQuery**, **JavaScript**, **Angular JS6**, **Ajax**, Visual Studio2015/2017.
- Using **GIT** version control for all the environments and code deployments and maintenance
- Inscribed **SQL** scripts and extensively designed and developed Stored Procedures,
- Functions and Packages in **SQL Server 2014** to execute various database routines.
- Experience in configuration of server without getting blocked with scraping by using User Proxy Servers.
- Experienced in developing windows-based application using **WinForms** as a front end.
- Upgrading to latest versions of .Net Framework with dev collaboration team meetings
- Developed CRUD functionality with Entity framework in **ASP.NET MVC** and implemented sorting, filtering, and paging with Entity framework in MVC.
- Written test cases and have performed unit testing for each of the task assigned and done thorough testing whenever there is a release using N-Unit.
- Experience in **CI/CD** Process for the Applications until they get succeed.
- **SOAP XML** Integrations with various Background companies like JavaScript.
- Desirable Skills: Technical documentation, Automation, Manual Testing, SQA testing, Unit Testing.
- Worked in a fast-paced environment and followed agile methodology.

CRFQ: STO2000000002-Supplemental Staffing for Microsoft Application Development

Environment: C#.NET, .Net Framework 4.5.2/4.7, Web services, IIS7.0, Entity Framework, ASP.Net MVC5, Angular 5.0/6.0, JavaScript, TypeScript, HTML5, CSS, CI/CD, SQL Server 2014/2016, SQL Server Compact, Team Foundation Server, Rally, WinForms, Log4Net, SSRS, VS 2015/2017.

<u>**Client: AON/TCS, MN, USA**</u>

National Flood Services Edge   **Sep 2018 – Feb 2019.**

<u>**Role**</u>**: .Net Developer.**

<u>**Job Description:**</u> NFS Edge offers a comprehensive suite of private flood options and is focused on, educating insurance agents and property owners through the complexities of flood insurance and providing customized solutions designed to address a broad range of needs—before, during and after a flood.

<u>**Responsibilities:**</u>

- The endures development of insurance software used for flood insurance to the agencies and property owners by following software lifecycle design, development, integration, evaluation, enhancement, maintenance, testing, resolution for large scale implementations.
- 100% **agile methodology**, we have daily scrum and 3-week sprint where every sprint consists of 32-point stories.
- Followed Kanban methodology.
- Supported the team by working on various product backlog items and bug fixing for each test build.
- Implemented client-side Interface using **React JS**. Build stable React components and stand-alone functions to be added to any future pages. Used React-Router to turn application into Single Page Application
- Implemented .Net framework, **N-tier architecture**, and Object-Oriented methodologies for application development.
- Enhanced front end using **ASP.NET**, **CSS3**, **HTML5**, **JavaScript**, **jQuery**, **AngularJS**, and **Bootstrap**, and backend business logic using C#.
- Wrote several critical **WCF** based Web services providing response **XMLS** that were consumed by multiple systems.
- Worked on **WCF** and **RESTful** services by creating Contracts, Configured, end point bindings and hosted on IIS6.0
- Implemented **SOAP** (Simple Object Access Protocol) for communication of application.
- Developed Views, controllers and business logic models using **C#**.
- Implemented Queries using **LINQ** for effective access with database and easy handle of file operations and **XML**.
- Developing, implementing, and consuming Data Access Layers and Data Objects Using C#.
- Experienced in working with OOP concepts using algorithms, standard data structures and multi-threading

- Developed use case with **UML** for new product functionality.
- Experience in upgrading to latest versions of **.Net Framework** with dev collaboration team meetings.
- Experience in developing, maintaining, and testing the entire code with **Visual Studio 2015**.
- Experience in configuration of server without getting blocked with scraping by using User agent.
- Developed the application **.Net Framework 4.5**, **C#**, **HTML5**, **CSS3**, **jQuery**, **JavaScript**, **Angular JS**, **Ajax**, **Visual Studio2015**.
- Implemented **CRUD** functionality with **Entity framework** in **ASP.NET MVC** and implemented sorting, filtering, and mapping with Entity framework in MVC.
- Written test cases and have performed unit testing for each of the task assigned and done thorough testing whenever there is a release using **N-Unit**.
- Inscribed **SQL** scripts and extensively designed and developed Stored Procedures,
- Functions and Packages in **SQL Server 2014** to execute various database routines.
- SSIS ETL package development and file system/package store deployments for processing data from DB2/Oracle/SQL Server source systems into SQL Server 2010 databases and data warehouses for reporting.
- SSIS package development to create custom extract files and reports Excel, CSV/TXT.
- Implemented Software Configuration Management, setting up company Version Policies Utilizing **Team Foundation Server (TFS)**.
- Experience in **CI/CD** Process for the Applications until they get succeed.
- **SOAP XML** Integrations with various Background companies like JavaScript.
- Desirable Skills: Technical documentation, Automation, Manual Testing, SQA testing, Unit Testing.
- Worked in a fast-paced environment and followed agile methodology.

Environment: C#.NET, .Net Framework 4.5.2/4.7, .Net Core, WCF, IIS7.0,Entity Framework, ASP.Net MVC5, Angular 4+,UML, JavaScript, TypeScript, React.js, HTML5, CSS, CI/CD, SQL Server 2010/2014, SQL Server Compact, Team Foundation Server, Rally, WinForms, Log4Net, SSRS, VS 2010/2015/2017.

Client: Eaton Corporations, MI, USA
Commercial Vehicle Diagnostic Software   June 2017 – June 2018.
Role: Software Developer.
Job Description: *Service Ranger & Link Commander* are the diagnostic software's used in the commercial vehicle market, to test the automated transmission and hybrid powertrain systems. Ranger is a Computer based electronic service and diagnostic program that provides access to your Eaton electronic products and by using this you can increase uptime, save money, and perform accurate repair procedures, all while increasing productivity and profits. These are windows base applications, designed to communicate with vehicle component controllers via the vehicles

diagnostic link connection. These software's complies with the SAE surface vehicle recommended practices for J1587 and J1939 vehicle communications, as well as the TMC RP1210-B communications standard developed for vehicle link adapter communications.

Responsibilities:

- The continues development of diagnostic software used in the commercial vehicle market along with retail domain by following software lifecycle design, development, integration, evaluation, enhancement, maintenance, testing, resolution for large scale implementations.
- Involving in Agile sprint and release planning activities and identify the user stories, estimation.
- Followed 100% **agile methodology**, we have daily scrum and 2-week sprint where every sprint consists of 24-point stories.
- Working with **.Net Framework 4.5** to communicate with **SQL Server** and **NoSQL**
- Designed database tables and created stored procedures, written complex queries for **data binding** and **triggers**.
- Worked with **WPF** for creating custom controls, data binding and graphics.
- Extended the **WPF Toolkit Grid** so that it can manage the columns, filter, search, and batch update.
- Experienced in **CI/CD** Process for the Applications until they get succeed.
- Extend the Combo box so that it should have a context menu for clear selection.
- Applied **Multi-Threading** techniques for creating high performance applications.
- Used Async and await approach with **MVVM** architecture.
- **SOAP XML** Integrations with various Background companies (JavaScript, VB.Net, VB6)
- **XLS** Import and Export Functions (VB6).
- Working in an agile Environment to deliver higher-quality software for more rapidly.
- Experience in developing, maintaining, and testing the entire code with **Visual Studio 2015**.
- Developing windows application **using C#.Net**, **WPF**, Visual Studio 2015 and **SQL Server 2010/2014**.
- Good Knowledge and working experience on .NET Multithreading
- Created Custom Controls, User Controls, used Dependency Properties to bind data on these controls and reflection Metadata concepts.
- Worked on **Dev express** user controls for windows applications.
- Worked on Binding, Styles, Data Template, Control Template, Routed Events, Converters, Layout Panels in **XAML**.
- Develop user interface by using **Telerik Kendo UI,** jQuery, JavaScript, Json, AJAX, and HTML5
- Used Model Base and ViewModelBase classes and their inbuilt functions for validation of Model objects and Properties in View Model classes.

- Designing **WPF** Forms, Custom Controls and User Controls using **XAML** language for interactive **UI**.
- Experience in upgrading to latest versions of **.Net Framework from 4.3 to 4.5** under the migration process to the application.
- Experienced in developing **N-Hibernate** to stores the mapping information in **XML** format in .hbm files.
- This .hbm file is used to map the entities to the corresponding database tables.
- Deployed application is migrated to **Azure**, **Production & QA servers** and managed application using Azure for the better Performance of the windows Applications.
- Windows Presentation Foundation (WPF) for developing desktop applications.
- By using Dependency Injection for data binding on **XAML** pages.
- Implemented **MVVM** pattern for development.
- Successfully organized initial set of requirements into master list of Use Cases.
- Involved in development of Views, Classes using C#.NET that incorporates both **MVC** architecture and database connectivity.
- Experience in configuration of server without getting blocked with scraping by using User agent.
- Knowledge on Docker platform and tool for building, distributing, and running Docker containers.
- Containers allow a developer to package up an application with all of the parts it needs, such as libraries and other dependencies, and deploy it as one package.
- Worked on different aspects of **.NET framework**, like **ASP.NET MVC 5.0**, Entity Framework, **MVVM**, **WPF** and **C#**.
- Used Angular component architecture to modularize application and enhance separation of concern.
- Knowledge on Cordova applications which rely on a common config.xml file that provides information about the app and specifies parameters affecting.
- For many mobile platforms, we used the command-line interface (CLI) to set up additional project files required to compile within each **SDK**.
- Implemented Software Configuration Management by using version control **Team Foundation Server (TFS)** and **VSTS**.
- Developed Document Management system in **WPF** using **MVVM**. The application was designed to securely let share documents across an organization.
- Expertise in both written and verbal skills
- Desirable Skills: Technical documentation, Automation, Manual Testing, QA testing, Unit Testing
- Worked in a fast-paced environment and followed agile methodology.

CRFQ: STO2000000002-Supplemental Staffing for Microsoft Application Development

Environment: C#.NET, .Net Framework 4.5/4.5.2, .Net Core, WCF, WPF, Entity Framework, Autofac, ASP.Net MVC, IIS7.0, Angular 4+, JavaScript, VB6, HTML5, CSS, SQL Server 2010/2014, Microsoft Azure, SQL Server Compact, Dev Express controls, Team Foundation Server, WinForms, Log4Net, SSRS, NHibernate, ORM, VS 2010/2015/2017.

Client: U Penn, PA, USA.
University Management Systems   **Oct 16 – Dec 2016.**
Role: .Net Developer.
Responsibilities:

- Involved in Design, Development and Testing of the application by following software lifecycle design, development, integration, evaluation, enhancement, maintenance, testing, resolution for large scale implementations.
- Worked with Business Analysts to understand Use Cases.
- Experience in creating Modules, Directives, Templates, Scope, Expressions, Data Binding, Validations, Filters, Services, Routing, Dependency Injection and Testing.
- Worked in **Agile development** and actively participated in the Scrum meeting's and successfully met sprints.
- Good Knowledge and working experience on .NET Multithreading
- Experience in **WCF** and Web Services to provide **SOA** architecture and configuration-based applications on **REST** protocols.
- Worked on .net Com communication libraries and Equipment interfacing.
- Used Entity Framework to connect to **Sql Server**.
- Experience in configuration of server without getting blocked with scraping by using User agent.
- Created Restful and **Web API** endpoints for database operations **(CRUD)** by using Entity Framework.
- Worked on developing Complex **MySQL** Queries, tables, views, and Stored Procedures in Sql Server and MongoDB.
- SSIS package development, conversion, and enhancements to perform daily batch load operations of critical Medicare/Medicaid data into new database system.
- Used Validation controls to validate the input data using Validation Controls (like Required Field, Range, Custom and Compare Validators).
- Carried out code review meetings with the team members to ensure coding standards are followed.
- Developed **WCF** services to communicate between Data Access Layer and other business components.
- Designed and developed a **Graphical User Interface (GUI)** for the content management feature using **ASP.NET MVC 5, C#**, **HTML5**, **CSS3** in **Visual Studio 2013**.
- Experience in client-side design and development using **HTML**, **CSS**, **JavaScript**, **AJAX**, **jQuery**, **Angular 4** and **Node JS**.

- With the concept of **ReactJS** Worked on usage metrics and end to end events tracing for analysis purpose.
- Created **Angular 4** components like Controller, Directives, Services and Forms to collect the input from the User.
- Experience in developing, maintaining, and testing the entire code with **Visual Studio 2015**.
- Created Angular Services and Injected in the components to organize and share code across application.
- Using **Angular 4** in Client-side validations while rendering **JSON** validation errors in the backend.
- Designed dynamic client-side JavaScript codes to build web forms and simulate process for a web application, page navigation using **Angular 2**.
- Using **Team Foundation Server (TFS)** all the environments and code deployments are maintained.
- Developed Angular Template driven forms and Model driven forms builder by using Model.
- Assists in the development and monitoring of project work plans.
- Directs developer group on and offshore on new developments, enhancements, and remediation work.
- Delivers long-term support/management, troubleshoots/resolves issues daily.
- Used Windows workflow Foundation for managing workflow's
- Wrote test method is using visual studio 201 Ultimate.
- Developed processes to support the **CI/CD** process for organization.
- Migrated Crystal reports to SSRS.
- Used **TFS/SVN** for version control.
- Desirable Skills: Technical documentation, Manual Testing, QA testing, Unit Testing.

Environment: .NET Framework 4.0, C#, VB.net, ASP.Net, MVC 5, Entity Framework, MySQL, MongoDB, LINQ, WCF, IIS, Node JS, SQL Server 2014, PHP, Java Script, **Knockout JS,** AngularJS 2/4+, Team Foundation Server, Log4Net, SSRS, React.js, Visual Studio 2013.

<u>**Client:**</u> **Value Labs, India.**

 I-ON   **Mar 13 – June 2015.**

<u>**Role:**</u> **.Net Developer.**

<u>**Responsibilities:**</u>

- Worked on numerous tasks/assignments for web site enhancements and new modules creation for ion Wellness system by following software lifecycle design, development, integration, evaluation, enhancement, maintenance, testing, resolution for large scale implementations.

- Implemented **SOA** architecture for interacting with the database and fetching the data using web services
- Developed cross platform web services that communicates to Java and .Net.
- Used **Microsoft SQL Server** for Normalization, **T-SQL**, **Store Procedures**, **Views** and **Indexes**
- Used **HTTP** Modules for controlling the events raised through stages of its lifecycle on the server and configuring without getting blocked with scraping by using proxy servers.
- Extensively worked on the development of **GUI** using **ASP.NET**, **HTML** and **Java Script** and supported **jQuery**, **Node JS** scripts.
- Developing applications leveraging **ADO.NET**, **LINQ** to **SQL**, and Microsoft Enterprise Library Data Access Application Block.
- Development in **PHP**, **MySQL**, **HTML5**, **CSS3**, **JavaScript**, **jQuery**, **AJAX**, **REST** web services.
- Used **AJAX** client centric controls like modal popup, collapsible panel, accordion, calendar control, autocomplete extender etc.
- User **AJAX** server centric control is like Script manager, Script manager proxy and update panel for partial post back.
- Used State Management concept is like Session, **View state**, **Caching**, Hidden fields for maintaining the state across post back.
- Long form SEO highlight **NoSQL's** effects on business, the technology behind NoSQL databases, and best implement with an emphasis on **DynamoDB**.
- **MongoDB** for database and C# driver for MongoDB to manage database operations with LINQ on the code.
- Experience in using Master pages to create a consistent layout of the pages.
- Developed user controls for code reusability.
- Used **XML** serialization and deserialization
- Used Data View components like **Grid View**, Data list and Repeater Server Controls for working interactively with the data.
- Responsible for Installing, configured, and administered **Splunk Enterprise** on Linux and **Windows servers**.
- Used Kendo UI, Bootstrap, and jQuery libraries for more productive web design.
- Experience in developing, maintaining, and testing the entire code with **Visual Studio 2010**.
- Used List object, dictionary for storing the data and populate them on the grid and to compare the key, value pair's
- Used **OOPs** concepts like encapsulation, polymorphism, and Inheritance.
- Created **WCF** and RESTful web services to communicate with the data access layer
- Involved in deployment of project in different stages like Development, Integration and Pre-production.

- Gathered requirements during inception phase, documented and delivered functional specification documents, and assisted architecture analysis and design using UML and Rational tools.
- Used Output caching for caching the frequently used data
- Worked in **Agile development** and actively participated in the Scrum meeting's and successfully met sprints.
- Using **Team Foundation Server (TFS)** all the environments and code deployments are maintained.
- Developed number of **Crystal Reports** using Crystal Reports 11, sub-reports, linked reports, and document conversion techniques. (ASP.NET, VB)
- Participated in the production support.
- Used **SSRS** reports for creating drill down report's
- Actively involved in the support of Falcon Dialysis
- Used star point for version control.
- Performed transfer and loading of files to DB
- Developed Windows applications and custom controls.
- Worked in Scheduling applications and billing managements applications.

Environment: Visual Studio 2010, SQL Server 2005/2008, DB, SSRS, C#.NET, ADO.NET, ASP.NET, VB.NET, Microsoft Enterprise Library, UML, Document DB, MongoDB, Ajax, PHP, Java Script, Framework 4.0, WCF IIS, TFS, Entity Framework.

Client: Cloud Ray Inc., India.
Library Management Project   Jan 2011 – Feb 2013.
Role: .Net Developer.
Responsibilities:

- Worked as a .Net developer with new enhancements and new modules creation for Library management by following software lifecycle design, development, integration, evaluation, enhancement, maintenance, testing, resolution for large scale implementations.
- Developing windows and web-based interfaces that will be connected to the **Sql server** database.
- Developing **stored procedures**, **functions**, **views** on database side.
- Experience in developing, maintaining, and testing the entire code with **Visual Studio 2005**.
- Used Microsoft SQL Server for Normalization, **T-SQL**, **Store Procedures**, **Views** and Indexes
- Worked on **Dev express** user controls for windows applications
- Extensively worked on the development of **GUI** using **ASP.NET**, **HTML** and **Java Script**)

- Developing applications leveraging **ADO.NET**, and Microsoft Enterprise Library Data Access Application Block.
- Design, develop, test, debug, and implement Silverlight based applications following the **MVVM** framework template.
- Implemented various user controls in Silverlight which are used extensively in various parts of the application.
- User **AJAX** server centric control is like Script manager to get seamen less asynchronous response for webpages
- Used State Management concept is like Session, View state, Caching, Hidden fields for maintaining the state across post backs.
- Using **SVN** all the environments and code deployments are maintained.
- Writing **Unix** scripts to perform encryption / decryption functionalities and SFTP set up.
- Experience in using Master pages to create a consistent layout of the pages.
- Developed user controls for code reusability.
- Application test management, which is developed by **C#, WPF**, **MVVM**, **XAML**, **T-SQL**.
- Used Data View components like **Grid View**, Data list and Repeater Server Controls for working interactively with the data.
- Worked with **WPF** for creating custom controls, data binding and graphics
- Used **OOPs** concepts like encapsulation, polymorphism, and Inheritance.
- Involved in deployment of project in different stages like Development, Integration and Pre-production.
- Used Output caching for caching the frequently used data
- Participated in the production support.
- Used **Crystal reports** for creating drill down report's
- Developed Windows applications and custom controls.
- Worked on Staff/Student management modules
- Developed utilities modules that will do LDAP/Custom authentication for all the resources.

Environment: Visual Studio 2005, SQL Server 2000/2005, C#, ASP.NET, MVVM, XAML, WPF, VB.NET, Crystal reports 2005, Dev Express controls, WinForms, Bugzilla, SVN.

6.2 Candidate 2: AVIJIT MITRA

Professional Summary

More than 18 years of work experience in Object Oriented Design, Data Modeling, Programming and SOA architecture. Experience in all phases of software development life cycle. Acted as a solo project executor for a new application development from the requirement gathering through the deployment. Lead the team and involved in the project planning, estimations, and development through the successful deployment. Proficiency in developing secure web applications and server-side development using ASP.Net, C#, .Net Core with WebAPI, Angular 8, jQuery, HTML, MSSQL, SSIS, SSDS, SSRS, Exchange, MVC Design Patterns, ORM [Entity Framework], Bootstrap, TFS, Typescript, Basic Python & Java, TFS & GitHub, Docker, Jenkins. Experienced in Azure CI/CD, Jenkins, Logic App, Redis Cache, Container Registry, Kubernetes, API Management, Azure AD Connect tool. Worked experience in WCAG. Strong analytical skills with ability to quickly understand client's business needs. Involved in meetings to gather information and requirements from the clients. Research-oriented, motivated, proactive, self-starter with strong technical, analytical and interpersonal skills.

Specialties: Exposure on Azure architecture part. Analysis the requirement & design in details. Working experience in Azure API Management, Azure CI/CD part, .NET Core Web API and Angular 8.

Education:
- Bachelor's degree (B.COM(H)) – 2000 – University of Calcutta – India.

Certifications:
- Introduction to Artificial Intelligence (AI)
- Introduction to Python for Data Science
- MICROSOFT CERTIFIED PROFESSIONAL (MCP)
- MICROSOFT CERTIFIED TECHNOLOGY SPECIALIST (MCTS)
- Microsoft Office SharePoint Server 2007 - Application Development
- Microsoft .NET Framework 3.5, ASP.NET Application Development
- *For check online: Transcript ID (793461) and Access Code (AvijitMCTS08)*

Professional Experience
Client: Siri InfoSolutions Inc. (Mayo Clinic)   **10/2018 – 04/2020**
Rochester, MN
Role: Sr. Software Engineer
Responsibilities:
- Exposure all the phases of SDLC. Requirement gathering from BA & analysis, Architecture design, Development, Testing & Deployment and enhancement/maintain.

- Involved in design, analysis and architectural meetings. Created Architecture Diagrams, and Flow Charts using Microsoft Visio.
- Working on Patient Registration web application in Angular 8, .Net WebAPI, Azure CI/CD and GitHub.
- There are two parts in this project, patient interfaces and Backoffice interfaces.
- Maintaining WCAG 2.0 design standard for patient related interfaces. For that using Web Accessibility Checker in ASP.Net project. Also using WAVE Tool for Chrome, Inspector for Firefox test. Also doing manually test because all validation not able to capture by tool.
- Technically assist other developer & as required provide training, work as team members.
- Other responsibilities as code review, peer review, best practice implementation, review details design plan, test case plan & review.
- Prepare Proof of Concepts and solution demonstration. Demonstrate multiple solution or alternative solution for specific problem and define the solution & like systematic validation process.
- In Migration project, working on Planning, Data cleanup, Data Cleanup, Data Profiling, build output files and connect to target services and/or databases, Job Scheduling. Check data quality using SQL SERVER - Data Quality Service (DQS) tools.

Environment: Visual Studio 2017-2019, .Net Framework 4.5.2, C#, MVC, .Net Core 3.0, MSSQL 2016, DB2, Ingres, Oracle 12C, SharePoint 2010, NuGet Packages, Entity Framework, SSIS, SSDS, SSDT, Team Foundation Server(TFS), Agile, PL/SQL, Web API, HL7, Mayo's Plummer ETL Customized .Net Tool, Angular 8, Docker, Pipeline tool, Kubernetes, API Management, Swagger.

Client: Wipro Ltd (Levi Strauss & Co.,)   **05/2015 – 10/2018**
Westlake, Texas
Role: Global Collaboration Lead
Responsibilities:

- Identify system building blocks, assign responsibilities to architectural elements, define interfaces and interrelationships, select key technologies. Infer the business goals, analyze functional and non-functional requirements, and identify the stakeholders. Involved in design, analysis and architectural meetings. Created Architecture Diagrams, and Flow Charts using Microsoft Visio.
- Drive SharePoint 2010 to SharePoint Online migration. Used SMAT tools to analysis the data, Data cleaning with end user, pilot project, migrate wave wise, post migration support, URL write, UAT, Delta migration. Data migration tools DocAve, Sharegate.
- Working on web application project using .Net 4.0 frameworks with MVC4, WebAPI. Front-end Angular framework with Bootstrap, Node.js.
- Involved in project SDLC (design, development and testing phases of project). Developed use case documents, class diagrams, Entity Relationship Diagram (ERD), state diagram, activity diagram, deployment diagram.

- Responsible for co-ordinate with business users for the development of the application. Handling offshore & onsite resources.
- Performance tuning of Database & Web Application side.
- Deployed in Azure CI/CD process. Implemented Logic App, Redis Cache, WebAPI, SQL Server in Azure. Used swagger (Swashbuckle) for API documentation.
- Manage Office 365 rollout plan, Change Management (user adoption), Governance. Also worked on Yammer, Planner, PowerApps (windows/web), Flow, Group, ODFB. Handling exchange related tickets. Setup compliance management, mail flow etc.

Environment: Asp.net, C#, Angular 5, TypeScript, CSOM, MVC4, .Net Core 3.0, IIS 7.5, MS SQL 2008, Docker, Pipeline tool, API Management, Swagger (Swachbuckle), SSRS, SSIS, SharePoint 2010 & Office 365, WebAPI, Entity Framework.

Client: Wipro Ltd (Philips)   **09/2012 – 04/2015**
Andover, MA (03/2013-04/2015), Netherland & India   **(09/2012-02/2013)**
Role: Senior Software Engineer
Responsibilities:

- Discussed with business stakeholder, understand the requirement, analysis & design the architecture, POC or Prototype, Coding & unit test cases, testing coordination, demo, deployment, full SDLC handling by me.
- Created Technical document, included Reference Architecture Diagram, scope diagram, Reference Landscape Diagram, Overall Architectural View, Physical View, Deployment View, Security View, Use Case - Role Wise Access, Logical View(Class diagram), Layer Diagram, Implementation View(Component Diagram), Process Flow(Activity Diagram), Sequence Diagram, Data view diagram(Extern Interface Diagram), Data Model(Entity Diagram).
- Provided basic coding framework and done some POC of critical part the project, like change Google search appliance service to Autonomy service.
- Implemented project using .Net 4.0 frameworks with MVC4
- Some parts of this project are in SharePoint 2010, so I have worked on that part also like InfoPath, feature, Custom webpart etc.
- Configure and customize & support OMAHA applications based on the customer plan applying knowledge, skills & experience in various OMAHA tools like OMAHA CRB, Sunshine portals.
- Coordinate, control and manage Business as well as Technical aspect of the project between my client and external supplier.
- Worked on WCAG 2.0 validation part, used multiple tools to validate the design, text, video, color etc. Based on validation output generated QA report.
- Successfully executed 30+ sprints with Customer Satisfaction Rating avg. rating 9 out of 10 and AMM score 3.8-4 out of 5.

- Conducted/Join daily standup, retrospective, Demo, Agile Maturity Model (AMM) meeting and poker.
- Maintain 2weeks Sprint (Iteration), Backlog, user stories, Release plan, track each task, Report like Iteration Burn down etc.

Environment: SharePoint 2010, ASP.Net, .Net Design Pattern, ECMA Script, CSOM, SOA, MVC, Web services, C#, SQL Server, Entity Framework, Rally, and Team Foundation Server (TFS).

Client: Wipro Ltd (United Healthcare – MN, US)   **08/2009 – 08/2012**
India
Role: Consultant
Responsibilities:

- Participated in Requirement gathering and designing of the application.
- Prepared the Design document of the application
- Technically guided the team, Database design, architecture design, maintained WIPRO coding standard
- Prepared test case documents and User Manuals.
- Run the SQL SERVER Agents (Profiler) for identify the major cost involve query.
- Analyze the query plan & cost.
- Tuning the Store Procedures, Functions & also change the table(s) indexes.
- Run the ANTs Profile Tools for identify the memory issue in application code.
- Guide the team to change the Application code in memory leakage part.
- Run the FxCop Tools for identify the coding issue in application code.
- As-is system study
- Persuading customer to understand the ground level problems within the infrastructure and the applications.
- Coordinating with customer and preparing the plans for mitigating the issues.
- Coordinating with the onsite coordinator team in resolving the application related issues.
- Coordinating with the UHG-IT to understand and improve the infrastructure of the server

Environment: SQL SERVER 2008, SSRS, SSIS, ANTs Profiler, Visual Studio.NET (2008), AJAX, IIS 7, JavaScript, Product Development, ASP.NET & C#, .NET Framework 3.5, Entity Framework, FxCop, MS Application Block, jQuery, Team Foundation Server (TFS).

Client: Wipro Ltd (Novartis – NJ, US)   **01/2008 – 07/2009**
India & New Jersey, US
Role: Technical Lead
Responsibilities:

- Having more than 3 month's onsite exposure at client site in NJ, USA.
- Lead the onsite team in techno-functional discussion at client site (USA).
- Proposed and finalized application architecture with design council.

- Lead the team, Project Scope understanding,
- Analyzed Plumtree/Aqua logic & ASP.NET integration.
- Technical Documentation, Estimation, Prepare presentation, coding, code review & unit Testing.

Environment: Oracle 10g, Visual Studio.NET, ASP.NET, IIS, C#, .NET Framework 3.5, ALUI (Plumtree/Aqua logic) portal.

Client: Descon Ltd (West Bengal Govt.)   **04/2007 – 12/2007**
India
Role: Technical Lead
Responsibilities:
Description: This project maintains the Scan documents files and its related Data. First Administrator should create the Master & Transaction Entity and its Attributes as per requirement through Web Application. And User enters the Master & Transaction related data. In this project most interesting part is When user click For Scan from this web application, it sends the parameter value into Client's machine Desktop Application through JavaScript & run it. After that when scan finished, its call the Web services for upload the files from client machine to Server Machine. This is a web-based intranet application.

- Analysis of as-is systems ·
- Business Analysis · Requirements Gathering · Developed and implemented the project
- Microsoft Application Block in data access layer.
- Solution Implementation & Testing · Solution Deployment

Environment: SQL Server 2005, Visual Studio.NET, ASP.NET, IIS, JavaScript, Product Development, C#, .NET Framework 2.0.

Client: Descon Ltd (Al-Razi Health Centre)   **10/2006 – 03/2007**
India
Role: Technical Lead
Responsibilities:
Description: Al-Razi Health Centre will be installed with PREMHC System to meet their objective of providing high quality health check system to the arriving expatriates in the country. As a process of this exercise, the existing manual process will be replaced by the new automated computerized system

- System analyst Lead the developer team.
- Create SRS document & functionality specification documentation.
- ASP.net & C# Coding & designing the database.
- Technical Documentation, Estimation, Prepare presentation, coding, code review & unit Testing.

Environment: Oracle 9i, Visual Studio.NET, ASP.NET, IIS, JavaScript, C#, .NET Framework 2.0.

Client: iNvavigators Pvt. Ltd/ (US- Cadcam –Radiology Online service)   01/2006 – 09/2006 India

https://www.radiologyservicesonline.com/

Role: Software Engineer

Description: In this project there are Two part 1) Standalone Application 2) Web Application. Standalone application: 1) It scans the x-ray image 2) Patient information. 3) Create DICOM file. Web Application: 1) Patient wise dicom file & information store. 2) Radiologist creates report based on patient file. 3) Image processing part. 4) Print file & send. 5) Centralization of patient records. 6) Maintain HIPPA law.

Responsibilities:
- Requirement gathering & analysis, design.
- ASP.Net & VB.Net Coding.
- Developed reports using Crystal report

Environment: SQL SERVER 2000, Visual Studio.NET, ASP.NET, IIS, JavaScript, VB.Net, .NET Framework 2.0, Crystal Report, Ajax.

Client: iNvavigators Pvt. Ltd/ (Quick fix- UK)   08/2004 – 12/2005 India

Role: Software Engineer

Description: QuickFix is a project mainly related with the trading. Here the end user wants to invest money for a scheme from which they will get the maximum benefit. And for that they place a request to the sub party to show them the right investment scheme. The sub party fetches the current market value data from Data feed API and based upon the fetched data the sub user selects the right data based on a calculation and creates order and also prepares report and Sends those order using Fix Protocol or email etc. to the broker then the broker returns the current market value data, based on which the sub user prepares report and updates to the end user so that the end user can select the right investment scheme based on the current market value.

Responsibilities:
- Requirement gathering & analysis, design.
- C# Coding.
- Developed reports using Crystal report

Environment: SQL SERVER 2000, Visual Studio.NET, C#, .NET Framework 1.1, Quick fix protocol.

Client: iNvavigators Pvt. Ltd/ ((Mercedes Benz - Germany)   01/2004 – 07/2004 India

Role: Software Engineer

Description: This project is named as Mekoda (Mercedes Benz Korossion Database). This project has been developed for the company Mercedes Benz (Germany). This project deals with the

Korossion data of the various cars being tested in the factories of the manufacture of Mercedes Benz in various parts of the world. The main aim of this project is to store the data of the Korossion after the testing of various parts of the car and then to record the data in the database. From the data later on analysis and technical reports are being generated for further study and to find out a solution as to how to reduce the korossion in cars. This is a web-based intranet application. Requirement gathering & analysis, design.

Responsibilities:
- ASP.net & VB.Net Coding.
- Coding and Report Generation in crystal report & with XML, XSL

Environment: Visual Studio.NET, ASP.NET, IIS, JavaScript, VB.Net, .NET Framework 1.0, XSL & XML.

Client: iNvavigators Pvt. Ltd/ ((BPL -Textile - India)   06/2002 –12/2003 India
Role: Software Engineer
Description: It customizes ERP package. I have mainly worked on Payroll & Top-Dyeing Inventory part. In payroll package covers attendance, Leave, salary & PF, MIS related reports part. And in Inventory part covers PO to dispatch. There are mainly 6 modules Account, Payroll, Store & Purchase, Dispatch, MIS, and Production. All module was interlinked ·

Responsibilities:
- Visual Basic Coding.
- Coding and Report Generation in crystal report.

Environment: Visual Studio (VB6), SQL SERVER 2000 & Crystal Report

CRFQ: STO2000000002-Supplemental Staffing for Microsoft Application Development

7. Candidate References

7.1 Candidate 1: TARUN TEJA

	Reference 1	Reference 2	Reference 3
Company	Cigna	UTMB	AON
Reference's Name and Title	Ravitej Rachuri, Supervisor	Mark Schultze, Executive Director	Mark Sletterink Application Architect
Email Address	ravitej.rachuri@tcs.com	maschult@utmb.edu	mark.sletterink@aon.com
Telephone	860-805-1555	409-266-2392	+1.888-888-2169

7.2 Candidate 2: AVIJIT MITRA

	Reference 1	Reference 2	Reference 3
Company	Wipro	Mayo Clinic	Mayo Clinic
Reference's Name and Title	Rajdeep Chakraborty, Architect	Sadrul Jamali, Lead Analyst Programmer	Sridhar Yadav, Technical Specialist-II
Email Address	rajdeep.chakraborty@wipro.com	jamali.sadrul@mayo.edu	yadav.sridhar@mayo.edu
Telephone	310-406-6315	507-284-8001	+1 (507) 538-1549

8. GENERAL TERMS AND CONDITIONS

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.

Vijay Thirumalai, Chief Executive Officer
(Name, Title)

Vijay Thirumalai, Chief Executive Officer
(Printed Name and Title)

149 New Montgomery St, Floor 4, San Francisco, CA - 94105
(Address)

1-888-744-6287 / 1-888-744-6287
(Phone Number) / (Fax Number)

vijayt@gensigma.com
(email address)

9. 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.

GenSigma LLC
(Company)

Vijay Thirumalai   Vijay Thirumalai, Chief Executive Officer
(Authorized Signature)   (Representative Name, Title)

Vijay Thirumalai, Chief Executive Officer
(Printed Name and Title of Authorized Representative)

6/10/2020
(Date)

1-888-744-6287 / 1-888-744-6287
(Phone Number) (Fax Number)

CRFQ: STO2000000002-Supplemental Staffing for Microsoft Application Development

10. Purchasing Affidavit

STATE OF WEST VIRGINIA
Purchasing Division
PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code S 5-22-10), 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 S5A-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 S 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 exceed 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 S6f-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: <u>GenSigma LLC</u>

Authorized Signature: *Vijay Thirumalai*   Date: <u>6/10/2020</u>

State of <u>West Virginia</u>

County of _____ to-wit: _____

Taken, subscribed, and sworn to before me this _____ day of _____, 20____ .

My Commission expires _____, 20____

AFFIX SEAL HERE   NOTARY PUBLIC _____

Purchasing Affidavit (Revised 01/19/2018)

11. Addendum Acknowledgement Form

ADDENDUM   ACKNOWLEDGEMENT   FORM
SOLICITATION NO.:

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)

☒ Addendum No. 1 Addendum No. 6 ☐
☒ Addendum No. 2 Addendum No. 7 ☐
☐ Addendum No. 3 Addendum No. 8 ☐
☐ Addendum No. 4 Addendum No. 9 ☐
☐ Addendum No. 5 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.

GenSigma LLC
Company

Vijay Thirumalai
Authorized Signature

6/10/2020
Date

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

GenSigma's Pricing Page to CRFQ: STO2000000002-Supplemental Staffing for Microsoft Application Development

For

STATE OF WEST VIRGINIA

Contact Person: Melissa Pettrey

Submission Mode: Online

Due Date: June 10th, 2020

Submitted by

Address 1: GenSigma LLC, 149 New Montgomery St, Floor 4, San Francisco, CA - 94105

Phone: 888-744-6287

Website: http://gensigma.com/

Email: vijayt@gensigma.com

Exhibit A: Pricing Page

Please find the GenSigma's Pricing Page for the proposed candidates.

<u>EXHIBIT A</u>

PRICING PAGE

Quantities listed below are <u>estimates only</u> and shall be used for evaluation purposes only. The Agency will only pay for actual hours worked. The per-hour fee per individual shall be inclusive of all costs, administrative expenses, and travel related expenses per the general terms and conditions, and specifications. Note: Vendors are not permitted to change this Pricing Page.

Year 1 — Individual # 1

2,000 hours (estimate)		$ 85.00 hourly rate	$ 170,000.00 Annual Cost (a)

Year 1 — Individual # 2

2,000 hours (estimate)		$ 85.00 hourly rate	$ 170,000.00 Annual Cost (b)

Year 2 – Optional Renewal Term (Three Month Cycles) – Individual #1

500 hours (estimate)		$ 87.00 hourly rate	$ 43,500.00 each 3-month cost

Year 2 – Optional Renewal Term (Three Month Cycles) – Individual #2

500 hours (estimate)		$ 87.00 hourly rate	$ 43,500.00 each 3-month cost

Award will be based on the total cost of Year 1 for both individuals.

Total Cost for Supplemental Staff (a+b)

$ 340,000.00

Template Revised 12/12/2017