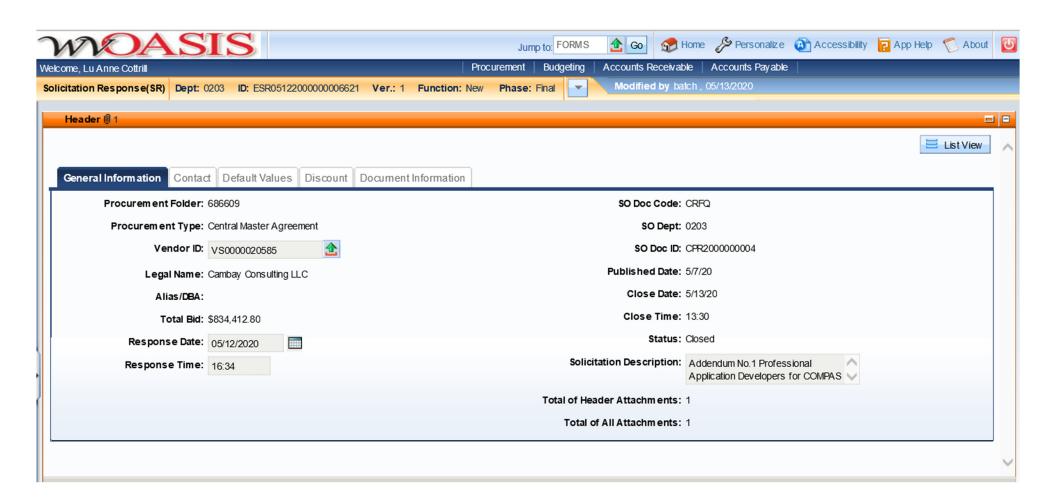
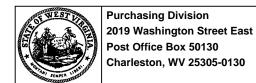


2019 Washington Street, East Charleston, WV 25305 Telephone: 304-558-2306 General Fax: 304-558-6026

Bid Fax: 304-558-3970

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





# 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	n Response	Version
	2020-05-13	SR	0203 ESR05122000000006621	1
	13:30:00			

VENDOR

VS0000020585

Cambay Consulting LLC

Solicitation Number: CRFQ 0203 CPR2000000004

**Total Bid:** \$834,412.80 **Response Date:** 2020-05-12 **Response Time:** 16:34:50

Comments:

FOR INFORMATION CONTACT THE BUYER

Melissa Pettrey (304) 558-0094 melissa.k.pettrey@wv.gov

Signature on File FEIN # DATE

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

Page: 1 FORM ID: WV-PRC-SR-001

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Temporary information technology software developers				\$834,412.80

Comm Code	Manufacturer	Specification	Model #	
80111608				
<b>Extended Descrip</b>	tion: Temporary inform	nation technology software develop	ers	

# Request for Quotation CPR2000000004

## **Professional Application Developers for COMPASS**



## **State of West Virginia**

#### **Submitted to:**

Melissa Pettrey
Department of Administration
Purchasing Division
2019 Washington ST E
Charleston WV 25305
melissa.k.pettrey@wv.gov



## **Submitted by:**

### **Cambay Consulting LLC**

**Mohsin Shaikh** 

Sr. Manger - Business Development 1838 Snake River Road, Suite A Katy, TX 77449

Phone: (430) 240-9800 E-mail: grfp@cambaycs.com https://cambaycs.com

Due Date & Time: May 13th, 2020 at 13:30

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#### **Cover Letter**

April 29th, 2020

Melissa Pettrey
Department of Administration
Purchasing Division
2019 Washington ST E
Charleston WV 25305

Regarding your Request for Quotation CPR2000000004 for Professional Application Developers for COMPASS, Cambay Consulting LLC is thrilled about the opportunity to provide our services to the State of West Virginia. Having worked with Pacific Northwest National Laboratory, Multnomah County, State of Michigan, State of Georgia, Commonwealth of Virginia, State of Delaware, District of Columbia, Commonwealth of Pennsylvania, Adecco, HCL, Abbott Labs, Cargill, Accenture, Kimberly Clark, AMN Healthcare etc., we believe a partnership with the State of West Virginia would have a tremendous impact on your customer satisfaction and bottom line. This proposal and cost proposal is valid for a period of 180 days from the date of submission.

Cambay is a Long-Time player in the field of IT Services & Staffing Industry with over 7 years of experience in the field. We have a client centric model which ensures a 98% client satisfaction for their search for IT Services & Professionals. We help our clients with high quality professionals to meet talent needs through staff augmentation (contract staffing, contract-to-hire, and permanent staffing) and project development.

We are a minority Owned and Texas based HUB Zone Certified E-Verify Business with technology partners like Microsoft, VMWare, Citrix, Checkpoint etc. We are also SWaM certified by the State of West Virginia.

We are excited to have the opportunity to support State of West Virginia with a comprehensive and cost-effective services & staffing delivery model that complies with all your requirements as outlined in the RFQ and associated documents. As detailed throughout our response, State of West Virginia will receive the following benefits by partnering with Cambay:

- Local, high quality professionals.
- Experienced IT firm with proven track record.
- Proven staffing methodologies for consistent service delivery and compliance with the State of West Virginia Service Level Agreements

Details of Cambay and Details of primary Contract Manager

Company Name	:	Cambay Consulting LLC.
Headquarter Address	:	1838 Snake River Road, Suite A, Katy, TX 77449-7754
President	:	Zafar Shaikh
FEIN		46-1124952
Name of Authorized Principle	:	Anita Kambli
Contract Manager	:	Mohsin Shaikh
Title	:	Sr. Manager - Business Development
Telephone	:	430-240-9800
Fax	:	832-610-3443
E-mail	:	grfp@cambaycs.com
Website	:	www.cambaycs.com

#### **Confidential Information:**

No information present in this response is claimed as confidential information by Cambay.



#### **Acceptance of Agreement:**

Cambay accepts all terms set forth in this RFQ and its associated Attachments, and does not propose any exceptions or deviations.

#### **Addendum Acknowledgment:**

Cambay acknowledges the receipt of Addendum No. 1

Respectfully,

Anita Kambli

**HR** Assistant

832-617-0901



## Pricing

#### For Murali Veeramasu

Contract Items	Description	Unit of Measure	Estimated Quantity	Unit Cost	Extended Cost
5.1.1.1	Contract Service #1 – Professional Application Developers	Hourly	2080	\$78.82	\$163,945.60
5.1.1.1	Optional Renewal Year 2 for Contract Service #1 – Professional Application Developers	Hourly	2080	\$78.82	\$163,945.60
5.1.1.1	Optional Renewal Year 3 for Contract Service #1 – Professional Application Developers	Hourly	2080	\$81.76	\$170,060.80
5.1.1.1	Optional Renewal Year 4 for Contract Service #1 – Professional Application Developers	Hourly	2080	\$81.76	\$170,060.80
			Tota	l Cost	\$668,012.80

### For Radha Krishan Bhardwaj

Contract	Description	Unit of	Estimated	Unit Cost	Extended
Items		Measure	Quantity		Cost
5.1.1.1	Contract Service #1 – Professional Application	Hourly	2080	\$98.74	\$205,379.20
	Developers				
5.1.1.1	1.1 Optional Renewal Year 2 for Contract Service		2080	\$98.74	\$205,379.20
	#1 – Professional Application Developers				
5.1.1.1 Optional Renewal Year 3 for Contract Service		Hourly	2080	\$101.84	\$211,827.20
	#1 – Professional Application Developers				
5.1.1.1 Optional Renewal Year 4 for Contract Service		Hourly	2080	\$101.84	\$211,827.20
	#1 – Professional Application Developers				
		•	Tota	l Cost	\$834,412.80



#### Murali Veeramasu - 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.

Project1:	Webtrition, Compass Group USA
Duration:	Jun 2015 to Apr 2020
Role performed	Senior .NET Applications Developer
on Project:	
Explanation of	Visual Studio.NET 2013/2015/2017/2019, SQL Server
work performed	2012/2014/2016, C#, VB.Net, ASP.NET, MVC, ADO.NET, Entity
using Skillsets	Framework, LINQ, WCF, Web API, MSMQ, Kafka, JSON, IIS 7.5,
in 4.1.1	JavaScript, jQuery, AngularJS, Angular 6/8, Fabric JS, SSRS, BIRT,
	HTML, CSS, XML and Bootstrap.
D : 12	
Project 2:	
Duration:	
Role performed	
on Project:	
Explanation of	
work performed	
using Skillsets	
in 4.1.1	
Project 3:	
Duration:	
Role performed	
on Project:	
Explanation of	
work performed	
using Skillsets	
in 4.1.1	
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.



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

process

<u>Previous Project:</u> Compass Group – Webtrition

Project Start Date: June 2015 Date Completed: April 2020

#### **Project Description:**

Webtriton is a web-based application that allows users of different business sectors to plan menus according to the dietary need of their customers. User can plan menus in 3 different ways. Menu cycles (recursive menus), Menu Collections (Non-recursive Menus) and Menu Works (Hybrid Menus) can be created using this application. The menu planning tool automatically scales the nutrition, allergen and costing information of recipes on fly and checks the menu compliance according to the regulatory needs. Users can also create and customize digital signage using the Signage module in the application and can generate reports both for internal and regulatory purpose. This is an enterprise level application that consumes data from various sources and provides data to both internal and external clients.

#### Contractor's Role:

Debug and analyze the bugs/issues in the code using visual studio and apply fixes. Write debug sections in the code to set development environment specific variables during coding/debugging. Document the issues, new features and code changes using confluence and TFS.

#### Skillsets Utilized:

C#, VB.Net, ASP.NET, MVC, ADO.NET, Entity Framework, LINQ, WCF, Web API, MSMQ, Kafka, JSON, SQL Server 2012/2014/2016, Visual Studio.NET 2013/2015/2017/2019, IIS 7.5, JavaScript, jQuery, Angular JS, Angular 6/8, Fabric JS, SSRS, BIRT, HTML, CSS, XML and Bootstrap.

Location: Charlotte, NC

Project URL: https://webtrition.com (Intranet application with SSO)

(if applicable)

**Project Manager / Supervisor:** Nishant Dave

**Phone Number:** 551 556 1553



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:** Compass Group – Webtrition

Project Start Date: June 2015 Date Completed: April 2020

#### **Project Description:**

Webtriton is a web-based application that allows users of different business sectors to plan menus according to the dietary need of their customers. User can plan menus in 3 different ways. Menu cycles (recursive menus), Menu Collections (Non-recursive Menus) and Menu Works (Hybrid Menus) can be created using this application. The menu planning tool automatically scales the nutrition, allergen and costing information of recipes on fly and checks the menu compliance according to the regulatory needs. Users can also create and customize digital signage using the Signage module in the application and can generate reports both for internal and regulatory purpose. This is an enterprise level application that consumes data from various sources and provides data to both internal and external clients.

#### Contractor's Role:

Participated in Backlog refinement meetings to gather requirements and finalize Features/User Stories with scrum team that includes developers, business team, scrum master and product owner. Participated in Sprint planning meetings to estimate the tasks to implement the features/ fix bugs identified in backlog refinement.

#### **Skillsets Utilized:**

C#, VB.Net, ASP.NET, MVC, ADO.NET, Entity Framework, LINQ, WCF, Web API, MSMQ, Kafka, JSON, SQL Server 2012/2014/2016, Visual Studio.NET 2013/2015/2017/2019, IIS 7.5, JavaScript, jQuery, Angular JS, Angular 6/8, Fabric JS, SSRS, BIRT, HTML, CSS, XML and Bootstrap.

Location: Charlotte, NC

Project URL: https://webtrition.com (Intranet application with SSO)

(if applicable)

Project Manager / Supervisor: Nishant Dave

**Phone Number:** (551) 556-1553



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

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:** Compass Group – Webtrition

Project Start Date: June 2015 Date Completed: April 2020

#### **Project Description:**

Webtriton is a web-based application that allows users of different business sectors to plan menus according to the dietary need of their customers. User can plan menus in 3 different ways. Menu cycles (recursive menus), Menu Collections (Non-recursive Menus) and Menu Works (Hybrid Menus) can be created using this application. The menu planning tool automatically scales the nutrition, allergen and costing information of recipes on fly and checks the menu compliance according to the regulatory needs. Users can also create and customize digital signage using the Signage module in the application and can generate reports both for internal and regulatory purpose. This is an enterprise level application that consumes data from various sources and provides data to both internal and external clients.

#### Contractor's Role:

Collaborate with other development team members to identify the dependencies and plan the integration. Participate in development team meetings to discuss undergoing work items of individual team members to exchange knowledge, identify dependencies and integrate the code changes. Perform peer to peer code review to make sure the coding standards are met and the new code is not breaking any existing features or functionalities. Branching and merging and deploy the code changes made by individual developers using TFS.

#### **Skillsets Utilized:**

C#, VB.Net, ASP.NET, MVC, ADO.NET, Entity Framework, LINQ, WCF, Web API, MSMQ, Kafka, JSON, SQL Server 2012/2014/2016, Visual Studio.NET 2013/2015/2017/2019, IIS 7.5, JavaScript, jQuery, AngularJS, Angular 6/8, Fabric JS, SSRS, BIRT, HTML, CSS, XML and Bootstrap.

Location: Charlotte, NC

Project URL: https://webtrition.com (Intranet application with SSO)

(if applicable)

**Project Manager / Supervisor:** Nishant Dave

**Phone Number:** (551) 556-1553



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

<u>Previous Project:</u> Compass Group – Webtrition

Project Start Date: June 2015 Date Completed: April 2020

#### Project Description:

Webtriton is a web-based application that allows users of different business sectors to plan menus according to the dietary need of their customers. User can plan menus in 3 different ways. Menu cycles (recursive menus), Menu Collections (Non-recursive Menus) and Menu Works (Hybrid Menus) can be created using this application. The menu planning tool automatically scales the nutrition, allergen and costing information of recipes on fly and checks the menu compliance according to the regulatory needs. Users can also create and customize digital signage using the Signage module in the application and can generate reports both for internal and regulatory purpose. This is an enterprise level application that consumes data from various sources and provides data to both internal and external clients.

#### Contractor's Role:

Writing Unit tests for the new features developed and perform end to end unit testing. Collaborate with team members and perform integration testing and regression testing and system testing for the code changes made during the sprint. Collaborate with QA and business teams to get the code changes tested thoroughly and get sign off prom product owner.

#### Skillsets Utilized:

C#, VB.Net, ASP.NET, MVC, ADO.NET, Entity Framework, LINQ, WCF, Web API, MSMQ, Kafka, JSON, SQL Server 2012/2014/2016, Visual Studio.NET 2013/2015/2017/2019, IIS 7.5, JavaScript, jQuery, AngularJS, Angular 6/8, Fabric JS, SSRS, BIRT, HTML, CSS, XML and Bootstrap.

Location: Charlotte, NC

Project URL: https://webtrition.com (Intranet application with SSO)

(if applicable)

Project Manager / Supervisor: Nishant Dave

**Phone Number:** (551) 556-1553



## Radha Krishan Bhardwaj – 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.

ThirtyOne Gifts – Customer Account, EPiServer CMS, Gift Certificate, Auto Shutoff Service
June 2018 – Present
Team Lead/Senior .Net Developer
Visual Studio 2013/2015/2017/2019, .NET Framework 4.7.2, SQL Server 2016, Windows Services, Classic ASP, IIS 7.0, C#.NET, JQuery, TypeScript, VB.NET, Angular JS, Bootstrap 3.2, Design Pattern, JavaScript, HTML, TFS, AJAX, ASP.Net Core 3.1, Identity Server, Pulse, AVALARA, ProPay, AngularJS, Angular7-8, Personalization, Restful Web API, EPiServer content Management in C# Dotnet, AWS Storage, S3Browser, MSMQ, SQL Server 2016, XML, SQL Jobs, CDN, Cloud Search, BootStrap 4.
ODPS – ATPS Core & Scanner Application, ETA, EDIS, OTG, ELT, Printing of Title System
Dec 2012 – June 2018
Senior Lead .NET Consultant
Visual Studio 2013/2015, .NET Framework 4.5, SQL Server 2008/2012, SSRS, VB.NET, Windows 2008 Server R2, IIS 7.0, Microsoft Enterprise Library 5.0, ASP.NET, C#.NET, JQuery, Bootstrap 3.2, XML, Design Pattern, JavaScript, HTML, TFS, AJAX, Azure MSMQ, Azure Storage & Azure Triggers.
Ohio Public Employee Retirement System (OPERS) – Project Management Office (PMO)
June 2012 – Nov 2012
Sr .Net Developer
Visual Studio 2013, .NET Framework 4.0, SQL Server 2008/2012, Windows 2008 Server R2, Windows Services, VB.NET, ASP.NET, SSRS, WCF 4.0, IIS 7.0, Microsoft Enterprise Library 5.0, C#.NET, JavaScript, JQuery 2.1, Bootstrap 3.2, Design Pattern, JavaScript, HTML, CSS, XML, TFS and AJAX.

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



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

Previous Project: ThirtyOne Gifts - PartyPlan

Project Start Date: Jun 2018 Date Completed: Present

#### Project Description:

PartyPlan (Customer Account, EPiServer CMS, Gift Certificate, Auto Shutoff Service) is a complex Application which uses Web based technology stack and APIs to cater business needs. It helps 60,000 consultants all over US and Canada to place an order which can be party order, customer order or individual orders. It keeps track of distribution of commission that consultant gets at each level of their position.

#### Contractor's Role:

I have developed many components in this project like Gift Certification, AutoShutOff Products just to name few where I have used debugging extensively.

Debugging is the main tool for checking how code is behaving at run time.

I have used Visual Studio 2013, 2015, 2017, 2019 for debugging application. Always check for edge case scenario while debugging code to make sure all use cases are covered.

#### Skillsets Utilized:

Visual Studio 2013/2015/2017/2019, .NET Framework 4.7.2, SQL Server 2016, Windows Services, Classic ASP, IIS 7.0, C#.NET, JQuery, TypeScript, VB.NET, Angular JS, Bootstrap 3.2, Design Pattern, JavaScript, HTML, TFS, AJAX, ASP.Net Core 3.1, Identity Server, Pulse, AVALARA, ProPay, AngularJS, Angular7-8, Personalization, Restful Web API, EPiServer Content Management in C# Dotnet, AWS Storage, S3Browser, MSMQ, SQL Server 2016, XML, SQL Jobs, CDN, Cloud Search, BootStrap 4.

Location: Columbus, OH	
Project URL:	
(if applicable)	
Project Manager / Supervisor: Brian Davisson	
Phone Number: 614-226-2997	
bdavisson@yahoo.com Email Address:	



# 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: ThirtyOne Gifts - PartyPlan

Project Start Date: Jun 2018 Date Completed: Present

#### Project Description:

PartyPlan (Customer Account, EPiServer CMS, Gift Certificate, Auto Shutoff Service) is a complex Application which uses Web based technology stack and APIs to cater business needs. It helps 60,000 consultants all over US and Canada to place an order which can be party order, customer order or individual orders. It keeps track of distribution of commission that consultant gets at each level of their position.

#### Contractor's Role:

Business Analyst provide documentation for specific feature or functionality to be developed. I use to have meeting/discussion with Business Analyst before started coding effort.

#### Skillsets Utilized:

Visual Studio 2013/2015/2017/2019, .NET Framework 4.7.2, SQL Server 2016, Windows Services, Classic ASP, IIS 7.0, C#.NET, JQuery, TypeScript, VB.NET, Angular JS, Bootstrap 3.2, Design Pattern, JavaScript, HTML, TFS, AJAX, ASP.Net Core 3.1, Identity Server, Pulse, AVALARA, ProPay, AngularJS, Angular7-8, Personalization, Restful Web API, EPiServer Content Management in C# Dotnet, AWS Storage, S3Browser, MSMQ, SQL Server 2016, XML, SQL Jobs, CDN, Cloud Search, BootStrap 4.

Location: Columbus, OH
Project URL:
(if applicable)
Project Manager / Supervisor: Brian Davisson
Phone Number: 614-226-2997
Email Address: bdavisson@yahoo.com



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

Previous Project: ThirtyOne Gifts - PartyPlan

Project Start Date: Jun 2018 Date Completed: Present

#### Project Description:

PartyPlan (Customer Account, EPiServer CMS, Gift Certificate, Auto Shutoff Service) is a complex Application which uses Web based technology stack and APIs to cater business needs. It helps 60,000 consultants all over US and Canada to place an order which can be party order, customer order or individual orders. It keeps track of distribution of commission that consultant gets at each level of their position.

#### Contractor's Role:

I have been working the developers for upgrading framework changes. Before upgrading application, I take baseline of code and create separate branch for modification of new code changes. This ensure that we have a code that is running in production and if any production bugs come then pulling production support branch make code changes there itself. For development of new feature dev branch is created which latter is merged to main branch once code moves to Production. I have used shelving of code changes creation of branch, merge and creating build/release using CI/CD pipeline.

#### Skillsets Utilized:

Visual Studio 2013/2015/2017/2019, .NET Framework 4.7.2, SQL Server 2016, Windows Services, Classic ASP, IIS 7.0, C#.NET, JQuery, TypeScript, VB.NET, Angular JS, Bootstrap 3.2, Design Pattern, JavaScript, HTML, TFS, AJAX, ASP.Net Core 3.1, Identity Server, Pulse, AVALARA, ProPay, AngularJS, Angular7-8, Personalization, Restful Web API, EPiServer Content Management in C# Dotnet, AWS Storage, S3Browser, MSMQ, SQL Server 2016, XML, SQL Jobs, CDN, Cloud Search, BootStrap 4.

Location: Columbus, OH
Project URL:
(if applicable)
Brian Davisson Project Manager / Supervisor:
Phone Number: 614-226-2997
bdavisson@yahoo.com Email Address:



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

Previous Project: ThirtyOne Gifts - PartyPlan

Project Start Date: Jun 2018 Date Completed: Present

#### Project Description:

PartyPlan (Customer Account, EPiServer CMS, Gift Certificate, Auto Shutoff Service) is a complex Application which uses Web based technology stack and APIs to cater business needs. It helps 60,000 consultants all over US and Canada to place an order which can be party order, customer order or individual orders. It keeps track of distribution of commission that consultant gets at each level of their position.

#### Contractor's Role:

There is Test harness which is created to cover all the functionality of the Application. When code is build these test cases runs which ensure application is robust and free of bugs. Regression test suite runs against new code changes to existing code. Here we have around 70,000 users to this application which they can hit the Application and can degrade Application performance during sale window. To ensure Application does not break we have load testing done before moving any code to production.

#### Skillsets Utilized:

Visual Studio 2013/2015/2017/2019, .NET Framework 4.7.2, SQL Server 2016, Windows Services, Classic ASP, IIS 7.0, C#.NET, JQuery, TypeScript, VB.NET, Angular JS, Bootstrap 3.2, Design Pattern, JavaScript, HTML, TFS, AJAX, ASP.Net Core 3.1, Identity Server, Pulse, AVALARA, ProPay, AngularJS, Angular7-8, Personalization, Restful Web API, EPiServer Content Management in C# Dotnet, AWS Storage, S3Browser, MSMQ, SQL Server 2016, XML, SQL Jobs, CDN, Cloud Search, BootStrap 4.

Location: Columbus, OH

Project URL:

(if applicable)

Project Manager / Supervisor: Brian Davisson

Phone Number:

614-226-2997

Email Address: bdavisson@yahoo.com



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

Previous Project: Ohio Department of Public Safety

Project Start Date: Dec 2012 Date Completed: June 2018

Project Description: Automatic Title Processing System (ATPS) Core and Scanner Application - is very complex system which was in Oracle and D2K spread over 88 counties in OHIO where in each county has its own database which gets synch in every night with central database. This huge system is converted to centralized system using Microsoft technologies. Other Projects: ETA (Electronic Title System), EDIS (Electronic Digital Interface System), OTG (Ohio Title Gateway), ELT (Electronic Lien Transfer), Printing of Title System.

Contractor's Role: Whenever making any code changes to existing code, I always debug to see where the control going and what part of code gets executed and making sure that it covers all the use cases. While debugging I checks values of objects, variables, collection at run time. See variable values in immediate window or Adding variables in watch List. I use trace in order to track method calls during debugging. I have developed at ODPS many components in C#.Net and VB.Net. Just to name few components like EDIS, ETA, Core ETA. In all of the application debugging of the code is the key thing. When debugging I checks time complexity of the program and make sure code is bug free and all test cases for functionality are passed before checking the code to source repository. I have used Visual Studio 2013, 2015, 2017, 2019 for debugging application.

Skillsets Utilized: Visual Studio 2013/2015, .NET Framework 4.5, SQL Server 2008/2012/2014, SSRS, VB.NET, Windows 2008 Server R2, IIS 7.0, Microsoft Enterprise Library 5.0, ASP.NET, C#.NET, JQuery, Bootstrap 3.2, XML, Design Pattern, JavaScript, HTML, TFS, AJAX, Azure MSMQ, Azure Storage & Azure Triggers.

Location: Columbus, OH	
Project URL:	
	(if applicable)

Project Manager / Supervisor: Tony Leo

Phone Number: 614-843-0573

Email Address:



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: Ohio Department of Public Safety

Project Start Date: Dec 2012 Date Completed: June 2018

Project Description: Automatic Title Processing System (ATPS) Core and Scanner Application - is very complex system which was in Oracle and D2K spread over 88 counties in OHIO where in each county has its own database which gets synch in every night with central database. This huge system is converted to centralized system using Microsoft technologies. Other Projects: ETA (Electronic Title System), EDIS (Electronic Digital Interface System), OTG (Ohio Title Gateway), ELT (Electronic Lien Transfer), Printing of Title System.

Contractor's Role: I used to have one-one discussion with Business Analyst on feature development. During these sessions I clarify any question if I have on requirement and start preparing design of the system. once design is ready then have business analyst and other team member to discuss design approach and take their feedback. After incorporating all the changes, I used to start coding with any existing system. Once my code is complete I see how it will integrate with other system and do integration testing, unit testing before check in the code.

Skillsets Utilized: Visual Studio 2013/2015, .NET Framework 4.5, SQL Server 2008/2012/2014, SSRS, VB.NET, Windows 2008 Server R2, IIS 7.0, Microsoft Enterprise Library 5.0, ASP.NET, C#.NET, JQuery, Bootstrap 3.2, XML, Design Pattern, JavaScript, HTML, TFS, AJAX, Azure MSMQ, Azure Storage & Azure Triggers.

Location: Columbus, OH	
Project URL:	
(if applicable)	
Project Manager / Supervisor: Tony Leo	
Phone Number: 614-843-0573	
Email Address:	



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

existing code

Previous Project: Ohio Department of Public Safety

Project Start Date: Dec 2012

Date Completed: June 2018

**Project Description:** Automatic Title Processing System (ATPS) Core and Scanner Application

- is very complex system which was in Oracle and D2K spread over 88 counties in OHIO where

in each county has its own database which gets synch in every night with central database. This

huge system is converted to centralized system using Microsoft technologies. Other Projects:

ETA (Electronic Title System), EDIS (Electronic Digital Interface System), OTG (Ohio Title

Gateway), ELT (Electronic Lien Transfer), Printing of Title System.

Contractor's Role: During the code development phase, i used to develop my feature and then

use to send code review comments to peers. Once get any feedback comments then I make

necessary changes to the code. I use to fix any existing bug in the system and run test cases to

make sure existing functionality is working as designed and new code is working as expected.

Skillsets Utilized: Visual Studio 2013/2015, .NET Framework 4.5, SQL Server

2008/2012/2014, SSRS, VB.NET, Windows 2008 Server R2, IIS 7.0, Microsoft Enterprise

Library 5.0, ASP.NET, C#.NET, JQuery, Bootstrap 3.2, XML, Design Pattern, JavaScript,

HTML, TFS, AJAX, Azure MSMQ, Azure Storage & Azure Triggers.

Location: Columbus, OH

Project URL:

(if applicable)

Project Manager / Supervisor: Tony Leo

Phone Number: 614-843-0573

Email Address:



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

Previous Project: Ohio Department of Public Safety

Project Start Date: Dec 2012 Date Completed: June 2018

Project Description: Automatic Title Processing System (ATPS) Core and Scanner Application

- is very complex system which was in Oracle and D2K spread over 88 counties in OHIO where
in each county has its own database which gets synch in every night with central database. This
huge system is converted to centralized system using Microsoft technologies. Other Projects:

ETA (Electronic Title System), EDIS (Electronic Digital Interface System), OTG (Ohio Title
Gateway), ELT (Electronic Lien Transfer), Printing of Title System.

Contractor's Role: After code development is done and code has passed unit test cases then code is pushed for integration testing & regression testing in ITST environment.

Skillsets Utilized: Visual Studio 2013/2015, .NET Framework 4.5, SQL Server 2008/2012/2014, SSRS, VB.NET, Windows 2008 Server R2, IIS 7.0, Microsoft Enterprise Library 5.0, ASP.NET, C#.NET, JQuery, Bootstrap 3.2, XML, Design Pattern, JavaScript, HTML, TFS, AJAX, Azure MSMQ, Azure Storage & Azure Triggers.

Project URL:

(if applicable)

Project Manager / Supervisor: Tony Leo

Phone Number: 614-843-0573

Email Address:



Section 4.1.2 -	Debugging Code f	or existing systems	within Mi	crosoft V	'isual
Studio 2013. Docum	nenting code change	s consistently thro	ughout the	developr	nent
process					

Previous Project: Ohio Public Employee Retirement System (OPERS)

Project Start Date: Jun 2012 Date Completed: Nov 2012

Project Description: OPERS- Project Management Office (PMO) PMO: The Application provides tools and resources for the implementation and closing phases of the process, reports needed by the PMO to effectively manage the project portfolio, as well as the measurement and justification for level of effort required to complete a project.

Contractor's Role: Visual Studio 2010, 2013 is used for code development and debugging of Application. TFS is used for code repository. Development branch is created for dev work which latter on merged to main branch after development of new features. Iterative approach is followed for release of new code. While debugging application all scenarios needs to be verified in order to make sure that it Application is behaving the way business wants.

Location: Columbus, OH	
Project URL:	
(if applicable)	
Project Manager / Supervisor: Scott Carlie	
Phone Number: (614) 282-7002	
Email Address:	



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: Ohio Public Employee Retirement System (OPERS)

Project Start Date: Jun 2012 Date Completed: Nov 2012

**Project Description:** OPERS- Project Management Office (PMO) PMO: The Application provides tools and resources for the implementation and closing phases of the process, reports needed by the PMO to effectively manage the project portfolio, as well as the measurement and justification for level of effort required to complete a project.

Contractor's Role: Requirement discussion with business Analyst is done prior to coding to make sure all details are cleared. During development also sometimes it happens that requirement what business initially thought has changed so for that Business Analyst used to come to dev with new approved change request to make sure Application changes should be done as per new Change request.

Location: Columbus, OH	
Project URL:	
(if applicable)	
Project Manager / Supervisor: Scott Carlie	
Phone Number: (614) 282-7002	
Fmail Address:	



<b>Section 4.1.2 -</b>	Working on a team	ı with developers t	o upgrade and configu	ıre
existing code				

Previous Project: Ohio Public Employee Retirement System (OPERS)

Project Start Date: Jun 2012 Date Completed: Nov 2012

**Project Description:** OPERS- Project Management Office (PMO) PMO: The Application provides tools and resources for the implementation and closing phases of the process, reports needed by the PMO to effectively manage the project portfolio, as well as the measurement and justification for level of effort required to complete a project.

Contractor's Role: Worked with other devs, DBAs, BA and Project Manager to ensure ontime delivery of the Application. Peer code review of design, code and unit test cases is done before promoting code to QA environment.

Location: Columbus, OH	
Project URL:	
(if applicable)	
Project Manager / Supervisor: Scott Carlie	
Phone Number: (614) 282-7002	
Email Address:	



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

Previous Project: Ohio Public Employee Retirement System (OPERS)

Project Start Date: Jun 2012 <u>Date Completed: Nov 2012</u>

**Project Description:** OPERS- Project Management Office (PMO) PMO: The Application provides tools and resources for the implementation and closing phases of the process, reports needed by the PMO to effectively manage the project portfolio, as well as the measurement and justification for level of effort required to complete a project.

Contractor's Role: Unit test cases are created for each feature. Load test ran in environment after regression test and unit test is passed. It makes sure that Application is robust and can handle load that is expected by Business. Number of user using this application is around 1000.

Location: Columbus, OH	
Project URL:	
(if applicable)	
Project Manager / Supervisor: Scott Carlie	
Phone Number: (614) 282-7002	
Email Address:	



## **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.

	and or specification, etc.
Addendum Numbers Received: (Check the box next to each addendu	ım received)
✓ Addendum No. 1 ☐ Addendum No. 2 ☐ Addendum No. 3 ☐ Addendum No. 4 ☐ Addendum No. 5	☐ Addendum No. 6 ☐ Addendum No. 7 ☐ Addendum No. 8 ☐ Addendum No. 9 ☐ Addendum No. 10
I further understand that any verbal red discussion held between Vendor's rep	ne receipt of addenda may be cause for rejection of this bid epresentation made or assumed to be made during any oral presentatives and any state personnel is not binding. Only added to the specifications by an official addendum is
Cambay Consulting LLC	
Akkarubh Authorized Signature	
05/12/2020 Date	
NOTE: This addendum acknowledger document processing.	ment should be submitted with the bid to expedite

Revised 01/09/2020