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# REQUIREMENTS ANALYIS FOR DCM/IFS INTEGRATION PERFORMANCE WORK STATEMENT CPSC-D-13-0001/TASK ORDER 0026

## 1. INTRODUCTION

The U.S. Consumer Product Safety Commission (CPSC) is charged with protecting the public from unreasonable risks of serious injury or death from thousands of types of consumer products under the Commission's jurisdiction. The CPSC is committed to protecting consumers and families from products that pose a fire, electrical, chemical, or mechanical hazard or can injure children. The CPSC's work to ensure the safety of consumer products - such as toys, cribs, power tools, cigarette lighters, and household chemicals - contributed significantly to the 30 percent decline in the rate of deaths and injuries associated with consumer products over the past 30 years.

The Agency has jurisdiction over 15,000 types of consumer products, from automatic-drip coffee makers to toys to lawn mowers. Some types of products, however, are covered by other federal agencies. For example: cars, trucks and motorcycles are covered by the Department of Transportation; foods, drugs, and cosmetics are covered by the Food and Drug Administration; and alcohol, tobacco and firearms are within the jurisdiction of the Department of the Treasury.

CPSC works to reduce the risk of injuries and deaths from consumer products by:

- 1. Developing voluntary standards with industry;
- 2. Issuing and enforcing mandatory standards; banning consumer products if no feasible standard would adequately protect the public;
- 3. Obtaining the recall of products via refund or arranging for their repair or replacement;
- 4. Conducting research on potential product hazards; and
- 5. Informing and educating consumers through the media, international, federal, state and local governments, private organizations, and by responding to consumer inquiries.

The Office of Information and Technology Services (EXIT) is charged with ensuring the Commission and its staff have all applicable tools and infrastructure required to execute their duties. The Contractor shall perform the work of this task order for the CPSC as described below.

#### 2. TASK ORDER

This procurement is a firm-fixed price, performance based task order. This is a non-personal services requirement.

## 3. BACKGROUND

This project is being initiated to verify and evaluate previously gathered requirements for incorporating Integrated Field System (IFS) into Dynamic Case Management System (DCM). DCM is built using Appian, a commercial off-the-shelf business process management platform. Currently the DCM has the following components already incorporated: Unregulated Case Management (Section 15), Product Safety Assessment (PSA) and Company Management. This requirements validation effort is in preparation of integrating additional IFS functionality such as Regulated Case Management, Sample and Assignment Management into the DCM platform.

In addition to validating the existing requirements, this project will also include gathering any additional requirements for incorporating IFS into DCM. The code that was previously developed in Appian must be evaluated to determine what can be reused. Based on the validated requirements, any new requirements, and code that can be reused, a cost estimate must be developed for implementing IFS functionality in DCM.

## 4. SERVICES AND PRICES:

The contractor shall propose cost for the services as described herein in accordance with CLIN 0006 to successfully complete the task order described herein.

## 5. OBJECTIVES:

- A. The objective of this acquisition is to obtain services from the contractor to:
- 1. Verify, validate, and prioritize based on user requests of the existing requirements for incorporating IFS functionality into DCM;
- 2. Identify requirements and gaps for any new functionality;
- 3. Assess how much of development that was completed previously in Appian that can be reused;
- 4. Develop a cost estimate for implementing IFS functionality in DCM.

## 6. DESCRIPTION OF WORK:

- A. The contractor shall act independently and not as an agency of the Government, the contractor shall furnish all necessary personnel, materials, and services to perform the work described herein below:
- B. The contractor shall conduct meetings with CPSC staff and users in order to refine and clarify the requirements for integrating IFS into the DCM system.
- C. The contractor shall create a Software Requirements Specification document, including business processes diagramed and submit it to CPSC IT Technical Team for review and approval. The requirements shall identify basic near term capabilities and future development opportunities. After inspection of previously developed code in Appian the Contractor shall also produce a document that outlines the code that can be re-used as well as a cost estimate for implementing IFS functionality in DCM.

## 6. CONTRACTOR QUALIFICATIONS

- A. The contractor personnel performing the work shall have a minimum of five (5) years' experience in their respective subject matter area of expertise except where a toolset may not have had a 5 year lifespan.
  - B. The contractor personnel shall also have technical skills in:
    - o Business Analysis
    - o Appian
    - o Data integration

- o Systems integration
- o Business Workflow documenting
- o User access interface design
- o Web application development
- o Technical writing
- C. Any and all Contractor partners (subcontractors) shall possess the same, or higher, contractor qualifications.

## 7. INSPECTION AND ACCEPTANCE

- A. The Government will inspect the work for both quality and timeliness and notify the contractor regarding problems and any corrections needed. The contractor shall be notified in writing of the problems with the work and the contractor shall provide an acceptable correction, correction plan or recommendations
- B. All work described in the PWS to be delivered under this contract is subject to final inspection, approval and acceptance by an authorized representative of the Government. The authorized representative of the Government is the Government's COR, who is responsible for inspection, approval and acceptance of all services, materials, or supplies to be provided by the Contractor.

#### 8. PERIOD OF PERFORMANCE

The period of performance shall be effective September 26, 2016 through March 25, 2017.

#### 9. PLACE OF PERFORMANCE

The performance location for work in this task order shall be CPSC headquarters located at 4330 East West Highway Bethesda, Maryland 20814.

# 10. REPORTING AND DELIVERY REQUIREMENTS

A. The contractor shall submit all required report(s)/deliverables, to the COR via electronic mail, in accordance with the schedule outlined below. All reports shall

reference and cite the contract and task order number.

- B. The Government will apply the following general inspection standards to the reporting and delivery requirements:
  - · Meeting designated schedule dates.
  - Submission of all deliverables as specified.
  - Ability to control and deliver quality artifacts and products.
- C. The Government will inspect the work for both quality and timeliness, and notify the contractor regarding problems and any corrections needed within 5 business days after receipt of deliverables. The contractor shall be notified in writing of the problems with the work and the contractor shall provide an acceptable correction, correction plan or recommendation within 5 business days after notification.

The following deliverable items shall be performed and delivered in accordance with the following schedule:

TASK #	Deliverable Name	Deliverable Description	Due Date and Format  (NLT-No Later Than,  measured in calendar  days)
1	Task Kick-Off Meeting	<ul> <li>A meeting between the         Contractor, and CPSC         Contracting Officer's         Representative</li> <li>CPSC will utilize the         Project Kick-Off Checklist         to drive the meeting and         deliverable outcome</li> </ul>	NLT 7 calendar days     after contract award
2	Project Schedule	<ul> <li>A document listing the project's milestones, activities, and deliverables, with intended start and finish</li> </ul>	NLT 5 calendar days     after contract award

TASK Deliverable		Deliverable Description	Due Date and Format		
#	Name		(NLT-No Later Than, measured in calendar days)		
		dates, dependencies and listing of resources. The format shall be MS Project, and the Project Schedule (WBS) checklist will be applied to the schedule by the government as a means of assessing and accepting the quality of the project schedule.			
3	Requirement Specification document	Updated requirements     specification document     including any new     requirements for IFS     integration into DCM.	Per project schedule		
4	Code Review result	Document listing the result of code review conducted including the areas of the code that can be re-used.	Per project schedule		
5	Cost Estimate	Document listing the cost estimate breakdown for implementing IFS functionality into DCM.	Per project schedule		

# 11. GOVERNMENT-FURNISHED PROPERTY

The Government will provide the following items(s) of Government property to the

Contractor for use in the performance of this contract. The Contractor shall be responsible and accountable for all government property; either furnished or acquired, and ensure that this property is within their possession and control until formal return to CPSC, upon completion of the contract performance period. The following item(s) of Government property are hereby furnished to the Contractor:

The Government will supply the following items:

- Computer hardware and software
- Physical office space
- Laptops with CPSC network and internet access (the Contractor shall not access the CPSC network or systems with Contractor hardware)
- Maintenance procedures
- CPSC Systems Development Lifecycle (SDLC)
- Microsoft Team Foundation Server (TFS)

# 12. LC 5 Contracting Officer's Representative (COR) Designation

A. The following individual has been designated at the Government's COR for this contract:

Name: Shiny Varghese

Division: The Office of Information and Technology Services (EXIT)

Telephone: 301-504-7542

Email: svarghese@cpsc.gov

- B. The CPSC COR is responsible for performing specific technical and administrative functions, including:
  - (1) performing technical evaluation as required;
- (2) assisting the Contractor in the resolution of technical problems encountered during performance; monitoring the Contractor's technical progress, including surveillance and assessment of performance, and notifying the Contracting Officer within one week when deliverables (including reports) are not received on schedule in accordance with the prescribed delivery schedule; and
  - (3) inspection and acceptance of all items required by the contract.
- C. The COR, who may be personally liable for unauthorized acts, is not authorized to and shall not:

- (1) make changes in scope of work, contract schedules, and/or specifications, or to make changes that affect price, quality, quantity or delivery,
- (2) direct or negotiate any change in the terms, conditions, or amounts cited in the contract; and
- (3) make commitments or changes that affect price, or take any action that commits the Government or could lead to a claim against the Government.
- D. This delegation is not redelegable and remains in effect during the period of performance of the contract.
- E. A clear distinction is made between Government and Contractor personnel. No employer-employee relationship will occur between government employees and contractor employees. Contractor employees must report directly to their company (employer) and shall not report to Government personnel.