

## MEMORANDUM FOR RECORD

Date: November 5, 2017

From: Enterprise Program Management Office (EPMO), VistA Adaptive Maintenance Contract Office

SUBJECT: Technical Within-Scope Determination, contract number VA118-16-D-1009 task order VA11817F10090012, VistA Adaptive Maintenance (VAM)

PURPOSE: The Office of Information and Technology, EPMO requires a modification to the VAM task order as follows:

The purpose of this modification is to revise the Performance Work Statement (PWS) to the subject line task order to:

- a) Remove the requirement for Sustainment (PWS 5.3) in the Base period. The requirement for Sustainment in the Option Period remains unchanged and has been moved to PWS Section 5.8.
- b) Add the requirement Web Client Development (PWS 5.6) for Patient Data Entry (PDE) domains in the Base period (PWS 5.6.1), and Web Client for Pharmacy/Computerized Physician Order Entry (CPOE) in the Option period (PWS 5.6.2).

The sustainment requirement is not actually required during the base period as there are no artifacts which require sustainment during this period. The Massachusetts General Hospital Utility Multi-Programing System (MUMPS) emulation code to sustain is being created during the base period; therefore, sustainment is required only in the option period. This modification does not change the original intent of the work being performed under this task order, but rather aligns the components of the work within the correct timeframes for which they are applicable. Additionally, moving the requirement to Section 5.8 aligns the requirement with the remainder of the option period tasks.

In terms of the Web Client Development for PDE domains in the base period and the CPOE domain in the option period, in order for the Contractor to provide the deliverables required in PWS Section 5.2.1 Isolate Computerized Patient Care System (CPRS) from VistA MUMPS for Select PDE Functions is to performance test the Retrieval and Equivalent representational State Transfer (REST)-based Veteran Integrated Care Services (VICS) service interface. The only means of completing the performance testing is with load testing using a web client against the Vitals, Allergy and Problem VICS services, followed by the comparison of the performance against the original CPRS client. Therefore, the requirement for the addition of Web Client development under PWS 5.6 is within scope of PWS Section 5.4 Build and Development and PWS Section 5.4.5.1 Test Approach. For satisfactory performance,

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the VICS service-based web client needs to be quantifiably faster than the original MUMPS-based CPRS client in performing the same transactions.

During the development of the PWS, the technical requirements (section 5.2-5.4) were written separately and independently from the Veteran focused Integration Process (VIP) requirements. These separate sets of requirements were partitioned into different sections of the PWS. It only became apparent after award, when an integrated review of all requirements from all sections of the PWS, that some of the VIP requirements were not supported by the technical requirements. This was an oversight in assuring that all technical requirements were mapped to all project management (VIP) requirements.

As a result of this within scope modification, the task order will increase by approximately \$405,803.05, which is the Government estimate for this change. This will increase the total task order value from: \$8,701,895.55 to \$9,107,698.60. The Government anticipates this within scope requirement to be continued under The Base Period and Option Period with a period of performance ending September 17, 2019.

1. Impact if Not Approved: If the task order is not modified, VA will be paying for unnecessary services - for Sustainment of nonexistent code and artifacts in the Base period (PWS Section 5.3). Without the addition of PWS Section 5.6 in the Base period (PWS Section 5.6.1) and in the Option period (PWS Section 5.6.2), this project cannot do required Performance Testing of the final solution and deliverable as is required in PWS Section 5.5.5.
2. See attached PWS with track changes.
3. See accompanying Independent Government Cost Estimate.

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