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**MEMORANDUM FOR RECORD**

Date: November 2, 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:

1. The purpose of this modification is to revise the Performance Work Statement to the subject line task order to:
2. Remove the requirement for Sustainment (PWS 5.3) in the Base period. The requirement for Sustainment in the Option Period remains unchanged.
3. Add the requirement Web Client development (PWS 5.7) in the Base period for PDE domains, and for Pharmacy/CPOE in the Option period.
4. The Department of Veterans Affairs (VA)/Department of Defense Interagency Program Office require a technical within-scope modification to Transformation Twenty-One Total Technology Next Generation (T4NG) Task Order VA118-16-D-1009 VA11817f10090012 titled, “VistA Adaptive Maintenance (VAM)” to include the requirements of Web Client Development for the PDE domains and for the Pharmacy/CPOE doman. The only way to evaluate the deliverable – the Veteran Integrated Care Services (VICS) – which are web services – is to connect VICS to a web client. A web client is required to demonstrate that the server side MUMPS emulation for the VICS services are performing correctly. Specifically, it is necessary to do rigorus quantitative Performance Tests of the VICS services under real load conditions. The only means to assure accurate and full fidelity evaluation and emulation of the MUMPS-based CPRS RPCs by (non-MUMPS) VICS services, is to connect the VICS services to a web client to do this load and Performance Testing.
5. 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.
6. The original intent of the tasks performed under 5.3 were for Sustainment Support for the Patient Data Entry And Pharmacy Computerized Physician Order Entry (CPOE) Functions for both the base period and option period. This modification will do the following:
   1. Remove the requirement for performance of Sustainment Support (PWS Section 5.3) for the Base Period as there no artifacts that require sustainment during this period; they don’t exist. Sustainment, however, is required in the Option Period to sustain the code and artifacts generated in the Base period. This modification does not change the original intent of the work being performed under this task, but rather aligns the components of the work within the correct timeframes for which they are applicable.
   2. Add Section 5.7 to the PWS consisting of Web Client Development for PDE domains (Base period) and for CPOE/Pharmacy (Option period). This requirement is necessary to fulfill the VIP requirements for Performance Testing (Section 5.5). The only means to performance test the VICS web services for the PDE domains and Phamacy/CPOE domain is to connect these VICS web services to a web client and test the “full stack” of web server-client interaction under real-world loading conditions, and quantitatively assess this. The addition of this PWS 5.7 task reflects a change in total value of the Option Period and to the total task order value of $405,803.05.

The referenced changes are within scope of the PWS, with the additional task being within scope of previously identified T4NG within scope services for 4.2.9 System/Software Integration.

1. Impact if Not Approved: If the task order is not modified, the VA will be paying for unnecessary services - for Sustainment of nonexistent code and artifacts in the Base period (PWS 5.3). Without the addition of PWS 5.7 in the Base period and in the Option period, this project cannot do required Performance Testing of the final solution as is specified in the VIP requirements in PWS Section 5.5.
2. The addition of a Web Client is In-scope for the PWS because it is required for Performance Testing of the VICS (web) services, as stated in PWS section 5.5. If the requirement for a Web Client had been included in the original PWS, it would have been placed in PWS section 5.5 under Peformance Testing.
3. The reason for omission of this in the original PWS was that was not clear how Performance Testing should be performed at that time.

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