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| **T4 TECHNICAL EVALUATION FORM – FIRM FIXED PRICE & TIME-AND-MATERIALS** | | |
| T4 Number  T4-0250 | Task Title  VistA Adaptive Maintenance | |
| Name of Offeror  Offeror A | | Date of Proposal  August 17, 2017 |
| **1. Technical Evaluation Criteria:**  TECHNICAL: The evaluation of the technical proposal considered the following:  (1) Understanding of the Problem – The Technical Volume of the Task Execution Plan (TEP) was evaluated to determine the extent to which it demonstrates a clear understanding of all features involved in solving the problems and meeting and/or exceeding the requirements presented in the task and the extent to which uncertainties are identified and resolutions proposed.  (2) Feasibility of Approach –The Technical Volume was evaluated to determine the extent to which the proposed approach is workable and the end results achievable. The Technical Volume was evaluated to determine the level of confidence provided the Government with respect to the Offeror’s methods and approach in successfully meeting and/or exceeding the requirements in a timely manner.  **2. Proposal Summary:**  The Offeror provided a technical and management approach to conducting Agile Planning through Release and Deployment Support by applying a Veteran-Focused Integration Process (VIP)-Centric Scrum implementation of Agile methodology and use Test-Driven Development (TDD) in conjunction with it.  The Offeror’s response described its technical and management solution to the problem identified in the Performance Work Statement (PWS). The proposal describes how the Offeror will implement an integrated micro-services architecture to compartmentalize common web services functionalities. The response also includes a discussion on the Offeror’s approach to tools, techniques and procedures to address requirements gathering, modification of VistA Massachusetts General Hospital Utility Multi-Programming System (MUMPS) and Delphi code components, addition of an Entity File to the VistA FileMan database, and then wrapping the FileMan/Entity Files with web services. The Offeror’s response also described the means by which they will employ automated testing for backwards compatibility. Finally, the Offeror’s response outlines the staffing level of effort (LOE) by labor category and also the proposed role of the staffing resource.  The Offeror has proposed to team with three (3) subcontractors.  After review of the entire proposal, it was determined that the Offeror’s approach contained the Weaknesses and Deficiencies detailed below. The remainder of the VistA Adaptive requirements was adequately addressed.  **3. Summary of Significant Strengths and Strengths:**  None  **4. Summary of Significant Weaknesses and Weaknesses:**  **Significant Weakness #1** – (TEP p7, Section 2.1, Exhibit 7, RTEP Instruction D.1.a) The Offeror proposes to use FileMan logical path analysis currently provided by RPCs and MUMPS logic, which fails to provide an approach to the FileMan data modeling required. **(WHAT is proposed)** Because there is no description of FileMan Data modeling of each of the 131 VistAs, [need to explain the significance of this]. **(WHY this is a weakness)** Without the execution of FileMan data modeling…… what is and why is there a significant impact to contract performance? (**IMPACT)** Statement  **5. Summary of Deficiencies**:  **Deficiency #1** (TEP p8, Section 2.1, RTEP Instruction D.1.g): The Offeror demonstrated a lack of understanding of the intended final solution as explicitly described in PWS Section 1.0, Background, and as further emphasized in RTEP Instruction D.1.g, which states that, among other requirements, the “final solution has no legacy MUMPS dependencies.” **(WHAT is proposed)** The Offeror proposed an approach that required the modification to/enhancement of MUMPS code and the addition of an entity file to the FileMan database which would result in a legacy approach to wrapping the legacy code rather than emulating the legacy code in a new, Node.js REST service. The Offeror mis-states how Node.js services are utilized, indicating a misunderstanding of the intended technology desired to emulate the legacy code as a new web-based service. By modifying the legacy code, the Offeror does not centralize the service off of VistA and cannot achieve backwards compatibility if the legacy code has been modified. **(WHY this is a weakness)** The lack of understanding of the VA’s requirements for the emulation of VA patient data entry (PDE) and Pharmacy Computerized Physician Entry (CPOE) requirements would promulgate the VA’s reliance on MUMPS as opposed to decreasing these dependencies, thus increasing the risk to successful migration to a cloud-based, commercial Electronic Health Record (EHR). The failure to emulate the PDE and CPOE requirements and instead maintaining reliance on VistA MUMPS fails the most important criteria of the final solution in being legacy MUMPS independent. (**IMPACT)** Statement)  **6. Special Terms and Conditions / Deviation / Critical Assumptions stated in TEP:**  None  **7. Evaluation Criteria:**  **a. Understanding of the Problem**  Overall the Offeror demonstrates a X understanding of the requirements.  **b. Feasibility of Approach**  Overall the Offeror demonstrates an approach that is considered X feasible and is considered X risk.  **8. Rating:**  Unacceptable - A TEP that contains a major error(s), omission(s) or deficiency(ies) that indicates a lack of understanding of the problems or an approach that cannot be expected to meet requirements or involves a very high risk; and none of these conditions can be corrected without a major rewrite or revision of the TEP. | | **Technical Rating:**  **Unacceptable** |
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| **Evaluator Signature**  *Only one signature should be provided even if multiple technical evaluators participated. The lead technical evaluator should sign and date the technical reports.* | | **Date** |
| **Rafael M. Richards [Please elaborate your title here]** | | |

*Contract Evaluation Form Rev 2.0 CAI 22 May 2009*