**ATTACHMENT 3**

**STATEMENT OF WORK**

|  |  |  |
| --- | --- | --- |
| **Nominated Candidate** | |  |
| **Role** | | Systems Engineer – Multiple positions |
| **Contract Commencement Date** | | ASAP |
| **Contract Expiry Date** | | Contract terms between 12 and 24 months will be considered |
| **Purpose of Services:** | | Professional Services (Clause 7.11) |
| **Role Description** | | SIGINT and Network Operations Group – Systems Project Office (SNO-SPO) within the Australian Signals Directorate (ASD), will deliver cutting edge capabilities to Defence through a variety of different programmes and projects. To facilitate this ASD has a requirement for a System Engineer.  The System Engineer within a clear framework of accountability, will be responsible for undertaking systems engineering activities to support the delivery of SNO-SPO projects. The System Engineer activities will include, but not be limited to, business analysis, systems design, and test and evaluation activities. There is also a requirement for prototyping of some ICT concepts and administration of systems. |
| **SFIA Level of Responsibility Required** *Description Below* | | The Specified Person will be expected to demonstrate attributes of SFIA Level of Responsibility 4 (LOR 4) |
| **SFIA Skills Required**  *Description Below* | | DESN 4  BUAN 4  REQM 3 |
| **Other Skills and Knowledge** | | **Statement of Suitability Against Other Skills and Knowledge** |
| 1. Experience undertaking prototyping work with an understanding of database design, ActiveMQ or similar products, and programming skills. | |  |
| **Major Responsibilities:** | | **Statement of Suitability Against Major Responsibilities** |
| 1. Undertake business analysis activities with a diverse customer set to identify business needs, including conducting surveys, interviews and structured workshops. | |  |
| 1. Analyse business needs to produce requirements, synthesise requirements to produce designs, conduct and evaluate trade-offs between various designs and requirements. Synthesise requirements into ICT designs. | |  |
| 1. Prototyping of some of the ICT concepts derived from the requirements gathering process. | |  |
| 1. Plan and conduct test and evaluation activities during system and sub-system Test and Evaluation events. | |  |
| 1. Work cohesively and flexibly with the broader program team and stakeholder groups. | |  |
| **Other Features of the Role (e.g. location, travelling, shift hours,)** | | **Service Provider Response** |
| 1. The role is based in Canberra with minimal to no travel. | |  |
| Prepared by: Darrell Malone  Date: 17/12/2020  Authorised by: Travis Alexander | | |
|  | | |
| **SFIA Level Of Responsibility Level 4 (LOR 4)** | | |
| **Autonomy** | Works under general direction within a clear framework of accountability. Exercises substantial personal responsibility and autonomy. Plans own work to meet given objectives and processes. | |
| **Influence** | Influences customers, suppliers and partners at account level. May have some responsibility for the work of others and for the allocation of resources. Participates in external activities related to own specialism. Makes decisions which influence the success of projects and team objectives | |
| **Complexity** | Work includes a broad range of complex technical or professional activities, in a variety of contexts. Investigates, defines and resolves complex issues. | |
| **Business skills** | Selects appropriately from applicable standards, methods, tools and applications. Communicates fluently, orally and in writing, and can present complex information to both technical and non-technical audiences. Facilitates collaboration between stakeholders who share common objectives. Plans, schedules and monitors work to meet time and quality targets. Rapidly absorbs new information and applies it effectively. Maintains an awareness of developing technologies and their application and takes some responsibility for driving own development. | |
| **SFIA Professional Skill Level Description** | | |
| **DESN 4** | Recommends/designs structures and tools for systems which meet business needs and takes into account target environment, performance & security requirements and existing systems. Delivers technical visualisation of proposed applications for approval by customer and execution by system developers. Translates logical designs into physical designs, and produces detailed design documentation. Maps work to user specification and removes errors and deviations from specification to achieve user-friendly processes. | |
| **BUAN 4** | Investigates operational requirements, problems, and opportunities, seeking effective business solutions through improvements in automated and non-automated components of new or changed processes. Assists in the analysis of stakeholder objectives, and the underlying issues arising from investigations into business requirements and problems, and identifies options for consideration. Works iteratively with stakeholders, to identify potential benefits and available options for consideration, and in defining acceptance tests. | |
| **REQM 4** | Facilitates scoping and business priority-setting for change initiatives of medium size and complexity. Contributes to selection of the most appropriate means of representing business requirements in the context of a specific change initiative, ensuring traceability back to source. Discovers and analyses requirements for fitness for purpose as well as adherence to business objectives and consistency, challenging positively as appropriate. Obtains formal agreement by stakeholders and recipients to scope and requirements and establishes a base-line on which delivery of a solution can commence. Manages requests for and the application of changes to base-lined requirements. Identifies the impact on business requirements of interim (e.g. migration) scenarios as well as the required end position. | |