**ATTACHMENT 1**

**STATEMENT OF WORK**

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| **Nominated Candidate** | | |  |
| **Role** | | | Software Tester – 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 Software Tester.  The Software Tester will be responsible under general direction for creating and executing fit for purpose test plans and test cases, in accordance with the project’s testing strategy. The Software Tester will ensure traceability to requirements, manage defects, provide regular progress reporting and work collaboratively with delivery staff to coordinate testing and regression activities. |
| **SFIA Level of Responsibility Required**  *Description Below* | | | The Specified Person will be expected to demonstrate attributes of SFIA Level of Responsibility 4 |
| **SFIA Skills Required**  *Description Below* | | | TEST 4  SINT 4 |
| **Other Skills and Knowledge** | | | **Statement of Suitability Against Other Skills and Knowledge** |
| 1. Testing experience in an Agile software development environment. | | |  |
| **Major Responsibilities:** | | | **Statement of Suitability Against Major Responsibilities** |
| 1. Create and execute fit for purpose test plans and test cases, in accordance with the project’s testing strategy. | | |  |
| 1. Document traceability between requirements and test cases. | | |  |
| 1. Produce test scripts, materials and regression test packs to test new and amended software or services. | | |  |
| 1. Automate testing activities where possible, including through the development of bespoke test harnesses. | | |  |
| 1. Specify requirements for environment, data, resources and tools to facilitate efficient and effective testing. Interpret, execute and document complex test scripts using agreed methods and standards. | | |  |
| 1. Record and analyse actions and results, maintain a defect register, and work closely with the delivery team to progress defect resolutions and regression testing. | | |  |
| 1. Provide reports on testing progress, anomalies, risks and issues. | | |  |
| 1. Report on system quality and collect metrics on test cases. | | |  |
| 1. Work collaboratively and constructively as part of an Agile delivery team to ensure the timely delivery of a quality ICT capability. | | |  |
| 1. Work with fellow team members to improve team business processes and share knowledge. | | |  |
| **Other Features of the Role (e.g. location, travelling, shift hours,)** | | | **Service Provider Response** |
| 1. The role is based in Canberra with minimal travel. | | |  |
| Prepared by: Darrell Malone  Date: 15/12/2020  Authorised by: Travis Alexander | | | |
| **SFIA Core Competencies** | | | |
| **SFIA Level Of Responsibility 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** | | | |
| **TEST 4** | Accepts responsibility for creation of test cases using own in-depth technical analysis of both functional and non-functional specifications (such as reliability, efficiency, usability, maintainability and portability). Creates traceability records, from test cases back to requirements. Produces test scripts, materials and regression test packs to test new and amended software or services. Specifies requirements for environment, data, resources and tools. Interprets, executes and documents complex test scripts using agreed methods and standards. Records and analyses actions and results, and maintains a defect register. Reviews test results and modifies tests if necessary. Provides reports on progress, anomalies, risks and issues associated with the overall project. Reports on system quality and collects metrics on test cases. Provides specialist advice to support others. | | |
| **SINT 4** | Defines the integration build, accepts software modules from software developers, and produces software builds for loading onto the target environment. Configures the hardware environment, produces integration test specifications, and conducts tests, recording details of any failures and carrying out fault diagnosis. | | |