**ATTACHMENT 3**

**STATEMENT OF WORK**

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| **Nominated Candidate** |  |
| **Role** | Test 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 Test Engineer.  The Test Engineer will be responsible under direction to specify, develop and write test plans and test scripts, produce test cases, carry out regression testing, and use automated test software applications to test the behaviour, functionality and integrity of systems, and document the results. |
| **SFIA Level of Responsibility Required**  *Description Below* | The Specified Person will be expected to demonstrate attributes of SFIA Level of Responsibility 3 |
| **SFIA Skills Required**  *Description Below* | SINT 3  USEV 3  TEST 3 |
| **Other Skills and Knowledge** | **Statement of Suitability Against Other Skills and Knowledge** |
| 1. Testing experience in an Agile software development environment. |  |
| 1. Experience with Linux systems and system administration. |  |
| 1. Experience with cloud, containers and virtualisation. |  |
| **Major Responsibilities:** | **Statement of Suitability Against Major Responsibilities** |
| 1. Under direction from the Test Manager, conduct the design, integration and transition of mission system upgrades to ensure the capability meets business, security and quality requirements. |  |
| 1. Support the monitoring and maintenance of system security, quality, performance and reliability (Windows & Linux). Ensure system upgrades and configuration changes are deployed according to the program schedule. |  |
| 1. Support engineering and technical staff in systems lifecycle activities related to requirements engineering, systems design, implementation, test and operation. |  |
| 1. Document test processes and procedures in a clear and concise manner. Ensure that procedures which involve specific technical knowledge or materials are documented sufficiently to meet testing quality standards. |  |
| 1. Support effective version and configuration management |  |
| 1. Ensure traceability between requirements, testing and test results. |  |
| 1. Ensure test results are integrated into systems engineering and software development processes and documentation. |  |
| 1. Work proactively with developers and project team to improve the quality of outputs and share knowledge. |  |
| 1. Work collaboratively and constructively as part of an Agile delivery team to ensure the timely delivery of a quality ICT capability. |  |
| **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 | |

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| **SFIA Core Competencies** | | |
| **SFIA Level Of Responsibility 3** | | |
| **Autonomy** | | Works under general direction. Uses discretion in identifying and responding to complex issues and assignments. Usually receives specific instructions and has to work reviewed frequent milestones. Determines when issues should be escalated to a higher level. |
| **Influence** | | Interacts with influences colleagues. Has working level contact with customers, suppliers and partners. May supervise others or make decisions which impact the work assigned to individuals or phases of projects. |
| **Complexity** | | Performs a range of work, sometimes complex and non-routine, in a variety of environments. Applies methodical approach to issue definition and resolution. |
| **Business skills** | | Demonstrates an analytical and systematic approach to issue resolution. Takes the initiative in identifying and negotiating appropriate personal development opportunities. Demonstrates effective communication skills. Contributes fully to the work of teams. Plans, schedules and monitors own work (and that of others where applicable) competently within limited deadlines and according to relevant legislation, standards and procedures. Appreciates the wider business context, and how own role relates to the other roles and to the business of the employer or client. |
| **SFIA Professional Skill Level Description** | | |
| **SINT 3** | Defines the integration build and produces a build definition for generation of the software. Accepts software modules from software developers, and produces software builds for loading onto the target hardware from software source code. Configures the hardware environment, produces integration test specifications, conducts tests and records the details of any failures. Carries out and reports fault diagnosis relating to moderately complex problems. | |
| **USEV 3** | Evaluate prototypes to obtain user feedback on requirements of developing systems. Tests the usability of component systems, and alternative designs, administering formative and summative usability tests, logging and analysing data. Check systems for adherence to applicable human science knowledge, style guides, guidelines, standards and legislation. Evaluates the usability of existing or competitor systems to provide benchmark values and as input to design. | |
| **TEST 3** | Reviews requirements and specifications, and defines test conditions. Designs test cases and test scripts under own direction, mapping back to pre-determined criteria, recording and reporting outcomes. Analyses and reports test activities and results. Identifies and reports issues and risks associated with own work. | |