**ATTACHMENT 9**

**STATEMENT OF WORK**

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| **Nominated Candidate** |  |
| **Role** | Software Developer – 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 Developer  The Software Developer is required to develop and integrate software employing an Agile Software Development Methodology (SDM). The role includes developing software, integrating Commercial Off the Shelf (COTS) and Government Off the Shelf (GOTS) software, documenting technical processes and assisting with testing and deployment. The successful candidate/s will need software development skills and a proven ability to work within an integrated team of technical/non-technical personnel. |
| **SFIA Level of Responsibility Required** *Description Below* | The Specified Person will be expected to demonstrate attributes of SFIA Level of Responsibility 3 (LOR 3) |
| **SFIA Skills Required**  *Description Below* | PROG 3  SINT 2  TEST 2 |
| **Other Skills and Knowledge** | **Statement of Suitability Against Other Skills and Knowledge** |
| 1. Demonstrable strong experience in development languages/frameworks such as Python, Java, Java Messaging Service, Javascript, J2EE, RESTful web services, Django and Ruby. |  |
| 1. Demonstrable experience with Puppet and Ansible automation tools. |  |
| 1. Strong commitment to software engineering processes and a proven ability to develop robust and maintainable software. |  |
| 1. A proven ability to document technical processes. |  |
| **Major Responsibilities:** | **Statement of Suitability Against Major Responsibilities** |
| 1. Enhance and support automation capability for new and existing systems by developing and integrating software employing an Agile Software Development Methodology and by integrating Commercial Off the Shelf and Government Off the Shelf software. |  |
| 1. Monitor systems and infrastructure; provide assistance with support requests by fixing and troubleshooting issues. |  |
| 1. Implement and maintain automated testing. Provide feedback on implementation and design aspects as required from other areas. |  |
| 1. Database design and implementation for operational systems. |  |
| 1. Assist in the continuous improvement process by developing and enhancing procedures and produce documentation in accordance with ASD policies and procedures. |  |
| 1. Work as a member of an integrated Agile team comprising technical and non-technical personnel. Effectively prioritise, allocate tasks, participate in and contribute to design reviews, stakeholder meetings and agile processes. |  |
| **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: 21/01/2021  Authorised by: Travis Alexander | |

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| **SFIA Core Competencies** | |
| **SFIA Level Of Responsibility Level 3 (LOR 3)** | |
| **Autonomy** | Works under general direction. Uses discretion in identifying and responding to complex issues and assignments. Usually receives specific instructions and has work reviewed at frequent milestones. Determines when issues should be escalated to a higher level. |
| **Influence** | Interacts with and 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 other roles and to the business of the employer or client. |
| **SFIA Professional Skill Level Description** | |
| **PROG 3** | Designs, codes, tests, corrects, and documents moderately complex programs and scripts from agreed specifications and subsequent iterations, using agreed standards and tools. Collaborates in reviews of specifications, with others as appropriate. |
| **SINT 2** | Produces software builds from software source code. Conducts tests as defined in an integration test specification, records the details of any failures, and carries out fault diagnosis relating to simple failures, reporting the results of the diagnosis in a clear and concise manner. |
| **TEST 2** | Defines test conditions for given requirements. Designs test cases and creates test scripts and supporting data, working to the specifications provided. Interprets, executes and records test cases in accordance with project test plans. Analyses and reports test activities and results. Identifies and reports issues and risks. |