**ATTACHMENT 5**

**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 will be responsible for working under direction as a member of a team responsible for 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 role will need very high level 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 5 |
| **SFIA Skills Required**  *Description Below* | | PROG 5  SINT 2  UNAN 3  HCEV 2 |
| **Other Skills and Knowledge** | | **Statement of Suitability Against Other Skills and Knowledge** |
| 1. Python | |  |
| 1. Java | |  |
| **Major Responsibilities:** | | **Statement of Suitability Against Major Responsibilities** |
| 1. Take responsibility for the development of software using a variety of software languages (e.g. Python, Java) and development environments, to ensure it meets business requirements. | |  |
| 1. Deliver scripting using a variety of languages (e.g. JavaScript) and secondary skills (e.g. SQL). | |  |
| 1. Lead the development of software that supports high quality User Experience outcomes. | |  |
| 1. Adhere to and improve software engineering processes. | |  |
| 1. Contribute to and support leadership efforts to improve engineering processes. | |  |
| 1. Identify system interdependencies and liaise with other system stakeholders to resolve conflict and coordinate integrated solutions. | |  |
| 1. Work as a leading member of an integrated Agile team. | |  |
| 1. Document technical processes. | |  |
| 1. Develop a schedule of work and report on progress. | |  |
| **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: 16/12/2020  Authorised by: Travis Alexander | | |
| **SFIA Core Competencies** | | |
| **SFIA Level Of Responsibility 5** | | |
| **Autonomy** | Works under broad direction. Work is often self-initiated. Is fully responsible for meeting allocated technical and/or project/ supervisory objectives. Establishes milestones and has a significant role in the assignment of tasks and/or responsibilities | |
| **Influence** | Influences organisation, customers, suppliers, partners and peers on the contribution of own specialism. Builds appropriate and effective business relationships. Makes decisions which impact the success of assigned work, i.e. results, deadlines and budget. Has significant influence over the allocation and management of resources appropriate to given assignments. | |
| **Complexity** | Performs an extensive range and variety of complex technical and/or professional work activities. Undertakes work which requires the application of fundamental principles in a wide and often unpredictable range of contexts. Understands the relationship between own specialism and wider customer/organisational requirements. | |
| **Business skills** | Advises on the available standards, methods, tools and applications relevant to own specialism and can make appropriate choices from alternatives. Analyses, designs, plans, executes and evaluates work to time, cost and quality targets. Assesses and evaluates risk. Communicates effectively, both formally and informally. Demonstrates leadership. Facilitates collaboration between stakeholders who have diverse objectives. Takes all requirements into account when making proposals. Takes initiative to keep skills up to date. Mentors colleagues. Maintains an awareness of developments in the industry. Analyses requirements and advises on scope and options for continuous operational improvement. Demonstrates creativity, innovation and ethical thinking in applying solutions for the benefit of the customer/stakeholder. | |
| **SFIA Professional Skill Level Description** | | |
| **PROG 5** | Sets local or team-based standards for programming tools and techniques, including security guidelines, and the selection of appropriate development methods. Advises on application of standards and methods and ensures compliance. Takes technical responsibility for all stages and/or iterations in a software development project, providing method specific technical advice and guidance to project stakeholders. Assigns work packages, monitors performance and manages change control dynamically, to optimise productivity. Provides advice, guidance and assistance to less experienced colleagues as required. | |
| **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 | |
| **UNAN 3** | Identifies and engages with users/ stakeholders, defines relevant characteristics (e.g. “personas”) and describes users goals and tasks (e.g. as “user stories”). Describes the environment within which the system will be used. Identifies and describes requirements of users with special needs (e.g. resulting from physical disabilities). | |
| **HCEV 2** | Based on understanding of how web page look and feel is controlled through CSS and page templates, uses agreed procedures for uploading and use of images, icons and video. Applies the principles of page layout and use of headlines and sub-heads to meet audience needs. | |