**ATTACHMENT 8**

**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 complex programs, 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 well established 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 4 |
| **SFIA Skills Required**  *Description Below* | | PROG 4  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. Develop complex programs using a variety of software languages (e.g. Python, Java) and development environments to achieve a well-engineered result. | |  |
| 1. Deliver scripting using a variety of languages (e.g. JavaScript) and secondary skills (e.g. SQL) | |  |
| 1. Develop software that provides high quality User Experience outcomes. | |  |
| 1. Adhere to software engineering processes and contribute to software engineering process improvement. | |  |
| 1. Work as a member of an integrated Agile team. | |  |
| 1. Document technical processes. | |  |
| 1. Conduct reviews of other team members’ work. | |  |
| 1. Contribute to the continuous improvement process by developing and enhancing procedures. | |  |
| **Other Features of the Role (e.g. location, travelling, shift hours,)** | | **Service Provider Response** |
| 1. There are multiple roles, some will be based in Canberra with minimal need to travel. Adelaide-based applicants will be considered, noting that some travel to Canberra would be required. | |  |
| Prepared by: Darrell Malone  Date: 16/12/2020  Authorised by: Travis Alexander / Ella Murkett | | |
| **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** | | |
| **PROG 4** | Designs, codes, tests, corrects and documents complex programs and scripts from agreed specifications, and subsequent iterations, using agreed standards and tools, to achieve a well- engineered result. Takes part in reviews of own work and leads reviews of colleagues' work. | |
| **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. | |