**ATTACHMENT 3**

**STATEMENT OF WORK**

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| **Nominated Candidate** |  |
| **Role** | Software Developer - Multiple positions |
| **Contract Commencement Date** | ASAP  |
| **Contract Expiry Date** | Terms between 12 and 24 month contracts 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. |
| **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 4TEST 3SINT 3 |
| **Other Skills and Knowledge** | **Statement of Suitability Against Other Skills and Knowledge** |
| 1. Linux Systems Administration
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| 1. OpenStack or Cloud compute platforms
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| 1. Andriod experience
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| 1. Experience with Python, Django, Git and DevOps pipelines
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| **Major Responsibilities:**  | **Statement of Suitability Against Major Responsibilities** |
| 1. Develop and integrate complex programs using a variety of software languages (e.g. Python, Java) and development environments to achieve a well-engineered result
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| 1. Deliver scripting using a variety of languages (e.g. JavaScript) and secondary skills (e.g. SQL).
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| 1. Contribute to the development of software that supports high quality User Experience outcomes.
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| 1. Adhere to and improve software engineering processes.
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| 1. Contribute to and support leadership efforts to improve engineering processes.
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| 1. Identify system interdependencies and liaise with other system stakeholders to resolve conflict and coordinate integrated solutions.
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| 1. Work as a leading member of an integrated Agile team.
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| 1. Document technical processes.
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| 1. Develop a schedule of work and report on progress.
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| **Other Features of the Role (e.g. location, travelling, shift hours,)** | **Service Provider Response** |
| 1. The role is based in Canberra with minimal travel.
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| Prepared by: Darrell MaloneDate: 16/12/2020Authorised by: Travis Alexander / Natalya Winter |

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| **SFIA Core Competencies** |
| **SFIA Level Of Responsibility 4** |
| **Autonomy** | 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. |
| **Influence** | 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. |
| **Complexity** | 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). |
| **Business skills** | 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. |
| **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. |
| **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. |
| **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. |