**ATTACHMENT 2**

**STATEMENT OF WORK**

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| **Nominated Candidate** | |  |
| **Role** | | Cloud Automation 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 programs and projects. To facilitate this ASD has a requirement for a Cloud Automation Engineer.  The Cloud Automation Engineer will be required to develop and integrate software employing an Agile Software Development Methodology (SDM). The position 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 will need highly developed 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  ITOP 4  SINT 4 |
| **Other Skills and Knowledge** | | **Statement of Suitability Against Other Skills and Knowledge** |
| 1. Experience with AWS, Microsoft Azure and Google Cloud Platform or other cloud platforms. | |  |
| 1. Experience in IT cloud system design. | |  |
| 1. Experience in Ansible, Puppet, Chef, Kubernetes or Terraform | |  |
| 1. Experience with virtual routers and VPN configuration | |  |
| 1. Experience with integrating services using REST interfaces or similar techniques | |  |
| **Major Responsibilities:** | | **Statement of Suitability Against Major Responsibilities** |
| 1. Automate the deployment of cloud services. | |  |
| 1. In conjunction with developers, build a pipeline that allows for development, testing, QA and production development of code. | |  |
| 1. Produce and update unit and integration tests for infrastructure and software that is being developed. | |  |
| 1. Contribute to Linux and/or Windows administration and hardening. | |  |
| 1. Undertake development in Python, including frameworks such as Django and/or Flask. | |  |
| 1. Work as a member of an integrated team and support productive working relationships by working cohesively and flexibly with customers as well as the broader project team. | |  |
| **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: 22/12/2020  Authorised by: Travis Alexander / Yannick Merlet | | |
| **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. | |
| **ITOP 4** | Provides technical expertise to enable the correct application of operational procedures. Uses network management tools to determine network load and performance statistics. Contributes to the planning and implementation of maintenance and installation work, including building and management of systems and components in virtualised computing environments. Implements agreed network changes and maintenance routines. Identifies operational problems and contributes to their resolution, checking that they are managed in accordance with agreed standards and procedures. Provides reports and proposals for improvement, to specialists, users and managers. | |
| **SINT 4** | Defines the integration build, accepts software modules from software developers, and produces software builds for loading onto the target environment. Configures the hardware environment, produces integration test specifications, and conducts tests, recording details of any failures and carrying out fault diagnosis. | |