**ATTACHMENT 1**

**STATEMENT OF WORK**

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| **Nominated Candidate** | |  |
| **Role** | | Cloud Infrastructure Developer (multiple positions) for ET TF |
| **Contract Commencement Date** | | On or After 30 August |
| **Contract Expiry Date** | | 12 months from commencement |
| **Purpose of Services:** | | Professional Services (Clause 7.11) |
| **Role Description** | | The Cloud Infrastructure Developer will work to the Technical Team Lead.  The Environment:   * Within a team of like-minded individuals, you will primarily work in a fast-paced infrastructure & development environment with the freedom to independently approach, own and solve key problem sets.   The Role:   * Manage critical enterprise infrastructure, underpinning mission systems * Rapidly learn new technologies by applying industry best-practices and applying your extensive knowledge and experience. * Provide complex application and system support, including managing incidents, changes, unplanned outages, upgrades and patches. * Preferably be experienced using Kubernetes, AWS and OpenStack Technologies. |
| **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* | | ITOP 4  PROG 4  USUP 4  SINT 4 |
| **Other Skills and Knowledge** | | **Statement of Suitability Against Other Skills and Knowledge** |
| 1. Strong experience deploying and maintaining enterprise Kubernetes platforms. | |  |
| 1. Strong experience building, deploying, upgrading & administering Linux/Unix machines. Experience of Linux/Unix shell scripting. | |  |
| 1. 3+ years' experience in a role involving development, operations or system administration. | |  |
| 1. Experience developing scripts for build, deployment, maintenance and related tasks using tools/languages, such as, Jenkins, Docker, Ansible, Python and Bash. | |  |
| 1. Experience working in AWS and OpenStack technologies. | |  |
| 1. Experience using Git, underpinning configuration as code for deployments of systems | |  |
| 1. Experience with monitoring tools Prometheus, Grafana and Elasticsearch | |  |
| **Major Responsibilities:** | | **Statement of Suitability Against Major Responsibilities** |
| 1. Deploy, maintain and manage systems, services and infrastructure, including automation of system provisioning, management and monitoring. | |  |
| 1. Work with the development and support teams to create and maintain scalable, flexible and highly reliable systems, including the management of incidents, changes, unplanned outages, upgrades and patches. | |  |
| 1. Use repeatable process automation, including Administering development, reference and operational systems. | |  |
| 1. Undertake the installation, management, maintenance, and monitoring of virtual and containerised systems. | |  |
| **Other Features of the Role (e.g. location, travelling, shift hours,)** | | **Service Provider Response** |
| 1. **N/A** | |  |
| Prepared by: Andrew Brunton  Date: 02/08/2021  Authorised by: Charles Bateson | | |
| **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** | | |
| **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. | |
| **USUP 4** | Prioritises and diagnoses incidents according to agreed procedures. Investigates causes of incidents and seeks resolution. Escalates unresolved incidents. Facilitates recovery, following resolution of incidents. Documents and closes resolved incidents according to agreed procedures. | |
| **PROG 4** | Designs, codes, verifies, tests, documents, amends and refactors complex programs/scripts and integration software services. Contributes to selection of the software development approach for projects, selecting appropriately from predictive (plan-driven) approaches or adaptive (iterative/agile) approaches. Applies agreed standards and tools, to achieve well-engineered outcomes. Participates in reviews of own work and leads reviews of colleagues' work. | |
| **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. | |