**ATTACHMENT 7**

**STATEMENT OF WORK**

|  |  |
| --- | --- |
| **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 is required to assist in the development and integrate of software employing an Agile Software Development Methodology (SDM). The position/s will include 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* | DESN 4PROG 4TEST 3 |
| **Other Skills and Knowledge** | **Statement of Suitability Against Other Skills and Knowledge** |
| 1. Demonstrable experience in development languages/frameworks such as Python, Java, Java Messaging Service, Javascript, J2EE, RESTful web services, Django and Ruby, Kubernetes, OpenShift.
 |  |
| 1. Demonstrable experience with Puppet, Ansible and Docker automation tools.
 |  |
| **Major Responsibilities:** | **Statement of Suitability Against Major Responsibilities** |
| 1. Enhance and support automation capability for existing systems and recommend/design new structures and tools which meet business requirements which take into account the target environment. Integrate Commercial Off the Shelf and Government Off the Shelf software. Translate logical designs into physical designs and integrate software employing an Agile Software Development Methodology.
 |  |
| 1. Monitor systems and infrastructure; provide assistance with support requests to fix and troubleshoot issues.
 |  |
| 1. Implement and maintain automated testing. Provide feedback on implementation and design aspects as required from other areas.
 |  |
| 1. Database design and implementation for operational systems.
 |  |
| 1. Assist in the continuous improvement process by developing and enhancing procedures and produce documentation, including detailed design documentation, in accordance with ASD policies and procedures.
 |  |
| 1. Provide guidance and direct the work of other team members. Work as a member of an integrated Agile team and effectively prioritise, allocate tasks, participate in and contribute to design reviews, stakeholder meetings and agile processes.
 |  |
| **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 MaloneDate: 16/12/2020Authorised by: Travis Alexander |
| **SFIA Core Competencies** |
| **SFIA Level Of Responsibility Level 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. |
| **DESN 4** | Recommends/designs structures and tools for systems which meet business needs and takes into account target environment, performance & security requirements and existing systems. Delivers technical visualisation of proposed applications for approval by customer and execution by system developers. Translates logical designs into physical designs, and produces detailed design documentation. Maps work to user specification and removes errors and deviations from specification to achieve user-friendly processes. |
| **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. |