**ATTACHMENT 1**

**STATEMENT OF WORK**

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| **Nominated Candidate** |  |
| **Role** | Solution Architect |
| **Contract Commencement Date** | On or after 03 November 2021 |
| **Contract Expiry Date** | Up to 24 months from the commencement date |
| **Purpose of Services:** | Professional Services (Clause 7.11) |
| **Role Description** | The Solution Architect is responsible for developing capability roadmaps, technology solutions and mapping the business requirements to systems/technical requirements and aligning solutions with the capability architecture.  The Solution Architect will plan, organise, schedule, integrate and deliver complex Cyber Security services and artefacts, whilst working cohesively and flexibly with related stakeholders to Australian Cyber Security Centre (ACSC).  The Capability delivered will enhance Australia’s National Cyber Security Capability. |
| **SFIA Level of Responsibility Required**  *Description Below* | The Specified Person will be expected to demonstrate attributes of SFIA Level of Responsibility Level 5 |
| **SFIA Skills Required**  *Description Below* | STPL 5  ARCH 5  EMRG 5  DESN 5 |
| **Other Skills and Knowledge** | **Understanding of current architectural design patterns, standards, technologies and techniques** |
| 1. Excellent understanding and demonstrated application of current architectural design patterns, standards, technologies and techniques including Architectural frameworks such as DoDAF, ToGAF or similar models. |  |

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| **Major Responsibilities:** | **Statement of Suitability Against Major Responsibilities** |
| 1. Develop capability roadmaps, models and plans to drive forward the current Cyber Security strategy, taking advantage of opportunities to improve business performance. |  |
| 1. Design, develop and implement complex Cyber Security Systems-of-Systems (SoS) Solutions Architecture to achieve business objectives. |  |
| 1. Manage the target design, policies and standards, working proactively to maintain a stable, viable architecture and ensure consistency of design across projects within the program, and gaining endorsement by the program’s Design Authority. |  |
| 1. Monitor industry products to gain knowledge and understanding of currently emerging Cyber Security technologies. |  |
| 1. Identify system, infrastructure and project interdependencies and balance competing demands to ensure project deliverables are achieved. |  |
| 1. Identify, document, and resolve issues and or problems that arise during the course of capability development cycle. |  |
| 1. Deliver capability utilising the systems engineering lifecycle, including the development of system designs and complex design documentation. |  |

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| **Other Features of the Role (e.g. location, travelling, shift hours,)** | | **Service Provider Response** |
| 1. The role is primarily Canberra based, with minimal travel; however the ability to self-transport between local sites in the most efficient means is required. There may be some domestic travel required. | |  |
| Prepared by: Rushikesh KALASPURKAR  Date: 21/6/21  Authorised by: Clay Campbell, Program Director, ACSC | | |
| **SFIA Core Competencies** | | |
| **SFIA Level Of Responsibility 5** | | |
| **Autonomy** | Works under broad direction. Work is often self-initiated. Is fully responsible for meeting allocated technical and/or project/supervisory objectives. Establishes milestones and has a significant role in the assignment of tasks and/or responsibilities. | |
| **Influence** | Influences organisation, customers, suppliers, partners and peers on the contribution of own specialism. Builds appropriate and effective business relationships. Makes decisions which impact the success of assigned work, i.e. results, deadlines and budget. Has significant influence over the allocation and management of resources appropriate to given assignments. | |
| **Complexity** | Performs an extensive range and variety of complex technical and/or professional work activities. Undertakes work which requires the application of fundamental principles in a wide and often unpredictable range of contexts. Understands the relationship between own specialism and wider customer/organisational requirements. | |
| **Business skills** | Advises on the available standards, methods, tools and applications relevant to own specialism and can make appropriate choices from alternatives. Analyses, designs, plans, executes and evaluates work to time, cost and quality targets. Assesses and evaluates risk. Communicates effectively, both formally and informally. Demonstrates leadership. Facilitates collaboration between stakeholders who have diverse objectives. Takes all requirements into account when making proposals. Takes initiative to keep skills up to date. Mentors colleagues. Maintains an awareness of developments in the industry. Analyses requirements and advises on scope and options for continuous operational improvement. Demonstrates creativity, innovation and ethical thinking in applying solutions for the benefit of the customer/stakeholder. | |
| **SFIA Professional Skill Level Description** | | |
| **STPL 5** | Contributes to the creation and review of a systems capability strategy which meets the strategic requirements of the business. Develops models and plans to drive forward the strategy, taking advantage of opportunities to improve business performance. Takes responsibility for investigative work to determine requirements and specify effective business processes, through improvements in information systems, data management, practices, procedures, organisation and equipment. | |
| **ARCH 5** | Uses appropriate tools, including logical models of components and interfaces, to contribute to the development of systems architectures in specific business or functional areas. Produces detailed component specifications and translates these into detailed designs for implementation using selected products. Within a business change programme, assists in the preparation of technical plans and cooperates with business assurance and project staff to ensure that appropriate technical resources are made available. Provides advice on technical aspects of system development and integration (including requests for changes, deviations from specifications, etc.) and ensures that relevant technical strategies, policies, standards and practices (including security) are applied correctly. | |
| **EMRG 5** | Monitors the market to gain knowledge and understanding of currently emerging technologies. Identifies new and emerging hardware and software technologies and products based on own area of expertise, assesses their relevance and potential value to the organisation, contributes to briefings of staff and management. | |
| **DESN 5** | Specifies and designs large or complex systems. Selects appropriate design standards, methods and tools, consistent with agreed enterprise and solution architectures and ensures they are applied effectively. Reviews others’ systems designs to ensure selection of appropriate technology, efficient use of resources, and integration of multiple systems and technology. Contributes to policy for selection of architecture components. Evaluates and undertakes impact analysis on major design options and assesses and manages associated risks. Ensures that the system design balances functional, service quality, security and systems management requirements. | |