SOLUTION Description (CORE)

Note to tenderers: Where a standard (approved by a recognised body) is specified in the Function and Performance Specification at Annex A to the draft SOW (Acquisition), tenderers are to show, in their tender responses, their capability to meet that standard.

1. OPERATIONAL DESCRIPTION (Core)

Note to drafters: This section addresses the capability of the proposed Materiel System from an operational perspective. In developing this section, drafters should be careful not to ask for responses in a manner that requires or implies that tenderers should just repeat or reflect information back to Defence that is an extract from the Operational Concept Document (OCD).

Critical Operational Issues

Note to drafters: The OCD documents the Critical Operational Issues (COIs) and scenarios that are significant in defining the capability, including elements of the fundamental inputs to capability (FIC) and related systems, if applicable, that are external to the Materiel System to be acquired. Accordingly, the requirements below are to be drafted for those COIs, or the relevant parts of COIs, that relate to the capabilities of the Materiel System to be acquired, with the other elements described as external interfaces or provided for context. This section seeks information that will allow the Commonwealth to directly or indirectly assess the merits of each tenderer’s proposal in terms of the ability to meet or enable COIs and to execute related OCD scenarios. This may include preliminary models for key aspects of system performance.

* 1. Tenderers are to describe how the proposed solution will […INSERT DESCRIPTION THAT ALLOWS THE COMMONWEALTH TO EVALUATE HOW THE PROPOSAL SATISFIES COI 1…] (refer Critical Operational Issue (COI) [...INSERT NUMBER...] in the Operational Concept Document (OCD)).
  2. Tenderers are to describe how the proposed solution will […INSERT DESCRIPTION THAT ALLOWS THE COMMONWEALTH TO EVALUATE HOW THE PROPOSAL SATISFIES COI n…] (refer COI [...INSERT NUMBER...] in the OCD).

Operational Scenarios

Note to drafters: The following clauses should be tailored to refer to each applicable scenario in the OCD. If scenarios are broad (referring to other FIC elements and related systems), the descriptions should be tailored to focus on the Materiel System to be acquired. The page limit is intended to encourage a concise summary for each scenario (and to limit scope for general marketing material); however, the recommended number of pages may be amended for the number of scenarios and their complexity (eg, 1 – 5 pages per scenario). Drafters may also identify specific risk areas in a scenario that they wish to see addressed.

Note to tenderers: The recommended number of pages for the response to this section, covering the proposed solution in all of the operational scenarios, is [...INSERT NUMBER EG, 10...] pages. Responses to this section should provide operational context, with more detailed aspects included in the technical description, provided in response to TDR B-B-2.

* 1. Tenderers are to describe how the proposed solution will […INSERT DESCRIPTION THAT ALLOWS THE COMMONWEALTH TO EVALUATE HOW THE PROPOSAL SATISFIES OCD SCENARIO 1…] (refer OCD scenario [...INSERT NUMBER...]).
  2. Tenderers are to describe how the proposed solution will […INSERT DESCRIPTION THAT ALLOWS THE COMMONWEALTH TO EVALUATE HOW THE PROPOSAL SATISFIES OCD SCENARIO n…] (refer OCD scenario [...INSERT NUMBER...]).

1. TECHNICAL DESCRIPTION (Core)

Note to drafters: This section may be further developed to suit the nature of the required Materiel System solution (eg, a fleet of platforms or a distributed system), and should request any additional information necessary for tender evaluation purposes, such as:

1. a description of how the key system functionality will be met (including areas such as human factors engineering and human-system interface); and
2. other specific key areas of the design that may also require specific information to assess risk (eg, with respect to a particular external interface).

Note to tenderers: If the tender process includes an Offer Definition and Improvement Activities (ODIA) phase, then risks within the preferred tenderers’ solution and, in particular, risks associated with external interfaces, will be reviewed at ODIA.

* 1. Tenderers are to describe the proposed Mission System solution, including:
     1. a description of the key design drivers and key design decisions;
     2. an architectural design description;
     3. a hierarchical description of the system, subsystems, and hardware and Software components, presented in a product breakdown structure (PBS) where:
        1. Mission Systems, including any variants, are identified at level 2 of the Materiel System, and hardware components are identified down to level 4 (eg, in accordance with DEF(AUST)5664A);
        2. additional lower-level hardware components are nominated by the tenderer, due to their key role in the tendered solution, are included;
        3. Software components are identified at an equivalent level (ie, Software resident on hardware components identified for (i) and (ii)); and
        4. if the Mission System solution includes variants, the subsystems, hardware and Software components that differ from the baseline Mission System are identified,

(ie, where levels 2 to 4 of the PBS comprise the ‘***system components***’);

* + 1. the purpose of each **system component**;
    2. a description of how the **system components** interact (eg, showing a concept of execution, functional flow or dynamic relationships) to achieve a functional output (eg, communications, propulsion, etc.);
    3. the identification of where a **system component**, or group of **system components**, satisfy specific FPS requirements;
    4. a maturity classification index for each **system component** (hardware or Software, and including external interfaces and interfaces with other **system components**), in accordance with the following table:

| Maturity Classification | Index |
| --- | --- |
| 1. **Innovative Development:** The system component is indicative of the configuration required for the Supplies, is in the early / conceptual stage of development by the tenderer, and features new technologies or processes, or a significant technological advancement. | 1. 1 |
| 1. **New Development:** The system component is indicative of the configuration required for the Supplies, is in the early stages of development by the tenderer, and requires no new technologies or processes. | 1. 2a |
| 1. **Significant Development:** The system component is indicative of the configuration required for the Supplies, is in an advanced stage of development by the tenderer, and requires no new technologies or processes. | 1. 2b |
| 1. **Minor Development:** The system component is indicative of the configuration required for the Supplies, requires a minor change of a type normally required for this item but which does not affect the interfaces of other components or external systems. A similar item (eg, a prototype or prior variant) has been successfully fielded. | 1. 3 |
| 1. **Developed – Functional:** The system component has the specific configuration required for the Supplies (without any development required), and has been successfully tested in a controlled environment that is indicative of that required for the system component, including the interfaces with external systems. | 1. 4a |
| 1. **Production Ready:** The system component has the specific configuration required for the Supplies (without any development required), and has been fielded (eg, in user trials) and is verified in the operational role and environment described in the Operational Concept Document, including the interfaces with external systems. | 1. 4b |
| 1. **In use:** The system component has the specific configuration required for the Supplies (without any development required), is in production, and is in current use with end users operating the system component in the operational role and environment described in the Operational Concept Document intended for the Supplies. | 1. 5 |

* + 1. any assumptions or constraints underpinning the proposed solution, including in relation to Defence systems and infrastructure;
    2. the identification of:
       1. those external interfaces that will be connected to, or that enable interoperation with, other Defence systems, including the maturity of those interfaces; and
       2. the significant internal interfaces, and the maturity of those interfaces;
    3. if applicable, the key areas of evolving technology and an explanation of related technological risks;
    4. if functionality will be delivered in phases (ie, successive Mission Systems would be delivered with increased functionality and/or programmed upgrades would be applied to delivered Mission Systems), a description of the delivery schedule including the number of phases, the expected scope of each increase in functionality, and the number of Mission Systems delivered or upgraded in each phase (consistent with the draft Growth Plan, if applicable);
    5. if installation is required, a description of any significant installation requirements (other than those identified for external interfaces) such as the expected duration of installation activities or the space needed within a host platform that is not a Supply;
    6. the identification of the tenderer’s perceived technical risk areas and their approach to mitigating the risk in each area (consistent with the tendered risk register); and

* + 1. [...DRAFTER TO INSERT...].
  1. For clause 2.1g, the maturity classification of a **system component** is to reflect the maturity classifications of its subordinate components such that:
     1. the system component has the same classification as its most developmental subordinate component when the number of subordinate components (with a unique configuration) requiring any form of development equals or exceeds 25%; and
     2. if a **system component** includes any developmental components (ie, indices 1 to 3 in clause 2.1g) it will, as a minimum, be classified as ‘minor development’.

Note to tenderers: As an example for clause 2.2a, a system component at level 4 in the PBS that comprises, as subordinate components: one ‘new development’, one (or more identical items) ‘minor development’ and six ‘in use’, would be categorised as ‘new development’ (ie, index 2a).

* 1. For the Mission System’s **system components** that are identified as ‘production ready’ or ‘in use’ in response to clause 2.1g, tenderers are to:
     1. identify the source / supplier of the product, including the name and address of the distributor or manufacturer;
     2. if codified in the NATO codification system, identify the NATO Stock Number (NSN) for the product;
     3. identify the expected remaining life of the system components before they are classified as Obsolescent by the tenderer or manufacturer, as applicable; and
     4. identify the major Support Resources (by name and part number or version, as applicable) that are available for the system component, including:
        1. Training courses / learning management packages and Training Equipment;
        2. the scope of available operator and maintenance manuals; and
        3. any special-to-type Support and Test Equipment (S&TE), including Automated Test Equipment with component-specific test program sets.

1. SYSTEM EVOLUTION AND GROWTH (OPTIONAL)

Note to drafters: This section should be included when the Mission System or significant elements of the Support System are likely to be subject to significant change over their life, or these systems use COTS items that will have a short production or market life.

Note to tenderers: The Commonwealth intends to review the draft Growth Plan (GP) to assess the proposed Materiel System solution in terms of system evolution, growth and Obsolescence. The draft GP also informs the LCC risk assessment. Note that the tenderer’s strategy for the growth, evolution and Obsolescence program is to be included in the Specialty Engineering Strategy (refer TDR B-A-1.4). If the tenderer is selected to participate in an ODIA, it may be required to further develop the GP, in consultation with the Commonwealth, in preparation for any resultant Contract.

* 1. Tenderers are to describe the characteristics of the proposed Materiel System solution by providing a draft Growth Plan (GP) in accordance with at least the sections of DID-ENG-MGT-GP identified in Table B-B-1.

Table B-B-1: Minimum requirements for the draft Growth Plan

| Section | Name / subject and modifications to scope |
| --- | --- |
| 1. 6.2.2 | 1. Candidate Elements (for significant / high value items / interfaces only) |
| 1. 6.2.3 | 1. Design Aspects (6.2.3.1 and 6.2.3.2 only) |
| 1. 6.2.5 | 1. Support Phase (6.2.5.1 only) |

1. MISSION SYSTEM TECHNICAL DOCUMENTATION TREE (Core)

Note to tenderers: The Commonwealth intends to assess the tenderer’s proposed engineering development documentation through the draft Mission System Technical Documentation Tree (MSTDT). If the tenderer plans to subcontract development activities, the MSTDT is to include the proposed technical documentation of Subcontractors. If the tenderer is selected to participate in an ODIA, it may be required to further develop the MSTDT, in consultation with the Commonwealth, in preparation for any resultant Contract.

* 1. Tenderers are to provide a draft Mission System Technical Documentation Tree in accordance with DID-ILS-TDATA-MTDI, which includes the specifications and design documentation for the **system components** identified in response to TDR B-B-2.1.

1. SOFTWARE LIST (Optional)

Note to drafters: This tender data requirement must be included for all software intensive systems and any program likely to involve significant development of software.

Note to tenderers: The Commonwealth intends to assess the scope and risk of the Software development program and requires tenderers to provide details of the Software products within their proposed solution. In regards to identifying Software (for clause 6.2.1 of Table F-2, Identity), the ‘highest level Software product where the criticality and category’ are ‘the same’ means, for example, that if all of the Software products subordinate to ‘Software Product X’ have the same or lesser criticality and category, then only ‘Software Product X’ needs to be listed.

* 1. Tenderers are to provide a draft Software List (SWLIST) in accordance with at least the sections of DID-ENG-SW-SWLIST, and the modifications to clause scope, identified in Table B-B-2.

Table B-B-2: Minimum requirements for the draft Software List

| Section | Name | Modifications to scope |
| --- | --- | --- |
| 1. 6.2.1 | 1. Identity | 1. Identified to the highest level Software product where the criticality and category of all subordinate Software products are the same as the Software product listed. |
| 1. 6.2.2 | 1. Location in the System Hierarchy | 1. As per DID, to the level required for clause 6.2.1, Identity (above). |
| 1. 6.2.3 | 1. Description | 1. As per DID. |
| 1. 6.2.4 | 1. Software Criticality | 1. As per DID. |
| 1. 6.2.9.6 | 1. Estimated Total Size | 1. For Application Software to be developed, reused or modified. |
| 1. 6.2.9.7 | 1. Reused Unmodified Code Required | 1. For Application Software to be developed, reused or modified. |
| 1. 6.2.9.8 | 1. Estimated Modified Code Required | 1. For Application Software to be developed, reused or modified. |
| 1. 6.2.9.9 | 1. Estimated New Code Required | 1. For Application Software to be developed, reused or modified. |
| 1. 6.2.11 | 1. Assurance Standard | 1. For Software with a criticality of 0, 1 or 2. |
| 1. 6.2.12 | 1. Software Assurance Level | 1. For Software with a criticality of 0, 1 or 2. |

1. Equipment Certification to Access Radiofrequency Spectrum (OPTIONAL)

Note to drafters: If new equipment is to access the Radiofrequency Spectrum, and this could influence tender evaluations, then the following clause should be included. Drafters should consider including an evaluation criterion in clause 3.11 of the COT that states a preference for those systems already certified to operate within the parts of the RF spectrum designated for Defence purposes in the current edition of the ‘Australian Radiofrequency Spectrum Plan’.

Note to tenderers: The following information is being sought because Australia has specific regulatory requirements associated with access to the Radiofrequency Spectrum. Solutions sourced from outside of Australia have a high risk of not meeting Australian regulatory or specific Defence requirements.

* 1. Tenderers are to provide a preliminary Equipment Certification to Access Radiofrequency Spectrum (ECARS) in accordance with DID-ENG-SOL-ECARS, as tailored by the following requirements:
     1. the ECARS (also known as the form AA763) is to consist of information entered onto the ‘System General Information Page’ for each system, sub-system or end product that requires access to, use of, or relies on the Radiofrequency Spectrum for its operation; and
     2. completion of the ‘Transmitter Equipment Characteristics’, ‘Receiver Equipment Characteristic’ and ‘Antenna Equipment Characteristics’ pages is optional; however, this additional information should be provided when its inclusion would allow the Commonwealth to properly evaluate Radiofrequency Spectrum requirements. Additional information should be attached if appropriate.

1. SUPPORT SYSTEM (CORE)

Note to drafters: This section may be further developed for the project’s needs and drafters should confirm that the clauses identified in the following table are applicable to the project. For example, consideration should be given to amending these requirements if a contractor-owned Spares model is included in the OCD / support concept. Drafting should be based on a single support concept on which to evaluate tenders. If significant alternatives are to be investigated (eg, if the default solution is for Commonwealth-owned spares but a contractor-owned spares model will be considered), then ODIA may be more appropriate for this activity and, if so, a note to tenderers should be added to identify this.

Note to tenderers: The following information is being sought to allow the Commonwealth to assess the suitability, risk and the maturity of the proposed Support System.

* 1. Tenderers are to provide a description of their proposed Support System solution in accordance with at least the sections of DID-ILS-DES-SSDESC identified in Table B-B-3.

Table B-B-3: Minimum requirements for the draft Support System Description

|  |  |
| --- | --- |
| Section | Name / subject and modifications to scope |
| 1. 6.2.1 | 1. Mission System and Support System Overview (Support System only) |
| 1. 6.2.2 | 1. System-wide Design Decisions (6.2.2.1 only) |
| 1. 6.2.3.1 | 1. Support Locations (6.2.3.1.1 only) |
| 1. 6.2.3.2 | 1. Support Service Management |
| 1. 6.2.3.3 | 1. Support Resources (6.2.3.3.1, 6.2.3.3.2, 6.2.3.3.4 and 6.2.3.3.5 only) |
| 1. 6.2.4 | 1. Concept of Execution |
| 1. 6.2.5 | 1. Support System Performance (6.2.5.1, 6.2.5.2 and 6.2.5.4 only) |
| 1. 6.2.6 | 1. System Interface Design |
| 1. 6.4.2 | 1. Operating Support |
| 1. 6.4.3 | 1. Engineering Support (6.4.3.1a to 6.4.3.1d only) |
| 1. 6.4.4 | 1. Maintenance Support (6.4.4.1a, 6.4.4.1b and 6.4.4.2 only) |
| 1. 6.4.5 | 1. Supply Support (6.4.5.1a to 6.4.5.1c and 6.4.5.2 only) |
| 1. 6.4.6 | 1. Training Support (6.4.6.1a and 6.4.6.2 only) |

1. SUPPORT RESOURCES (CORE)

Note to tenderers: Full detail is not expected in the draft lists of Support Resources to be tendered. However, this information should enhance the Commonwealth’s understanding of the draft Support System Description and assist the Commonwealth to understand the basis for the Not-To-Exceed prices for Support Resources (if required by TDR A-D-2).

* 1. **Spares:** Tenderers are to provide a draft Recommended Spares Provisioning List (RSPL) for major component Spares and groups covering all other Spares (eg, a group for the initial lay-in of consumables), in accordance with at least the sections of DID‑ILS‑SUP‑RSPL identified in Table B-B-4.

Table B-B-4: Minimum requirements for the draft Recommended Spares Provisioning List

|  |  |
| --- | --- |
| Section | Name / subject and modifications to scope |
| 1. 6.2.5.1b.(i) | 1. item name / provisioning nomenclature, including the model or type |
| 1. 6.2.5.1b.(v) | 1. manufacturer’s name and Commercial and Government Entity (CAGE) code |
| 1. 6.2.5.1b.(vi) | 1. manufacturer’s reference number / part number |
| 1. 6.2.5.1c.(v) | 1. the nature of the Spare (ie, repairable, consumable) |
| 1. 6.2.5.1f.(i) | 1. a unit price (being the Contractor’s most favoured customer price) |
| 1. 6.2.5.1g | 1. total quantity of Spares that is recommended for procurement by the Commonwealth |

* 1. Tenderers are to describe the method and rationale used to estimate the range and quantity of Spares to be procured by the Commonwealth with respect to the support-related requirements and the support concepts defined in the FPS and the OCD.
  2. **Support and Test Equipment:** Tenderers are to provide a draft Support and Test Equipment Provisioning List (S&TEPL) for major S&TE items and groups of other items of S&TE, in accordance with at least the sections of DID‑ILS‑S&TE‑S&TEPL identified in Table B-B-5.

Table B-B-5: Minimum requirements for the draft Support and Test Equipment Provisioning List

| Section | Name / subject and modifications to scope |
| --- | --- |
| 1. 6.2.2.4b.(i) | 1. item name |
| 1. 6.2.2.4b.(iv) | 1. manufacturer’s name and CAGE code |
| 1. 6.2.2.4b.(v) | 1. manufacturer’s part number |
| 1. 6.2.2.4e.(i) | 1. unit price (being the Contractor’s most favoured customer price) |
| 1. 6.2.2.4e.(ii) | 1. recommended total quantity to be procured |

* 1. Tenderers are to describe the method and rationale used to estimate for the range and quantity of S&TE to be procured by the Commonwealth with respect to the support-related requirements and the support concepts defined in the FPS and the OCD.

Note to drafters: If the required Materiel System is not expected to require any new and significant S&TE, then delete clauses 8.3 and 8.4 and replace with ‘Not used’. If applicable, the examples in clause 8.3 should be updated to include items of S&TE that are expected under any resultant Contract.

Note to tenderers: The intent of the following requirement is to describe the major items of S&TE, focussing on those that are significant in terms of design and development. The intent is not to duplicate the proposed Support System solution (clause 7.1), which describes how these elements would be employed.

* 1. Tenderers are to identify all major items of S&TE (eg, engine test stands and adaptation data management tools) that require design and development, and describe for each item:
     1. the function performed including, if applicable, how the function changes for the different states and modes identified in the OCD;
     2. the key design drivers;
     3. any major assumptions or constraints underpinning the proposed design solution, including any relating to interfaces with Defence systems and infrastructure; and
     4. the current maturity classification of the item, classified using the table at clause 2.1g, and the scope of the proposed development activity.
  2. **Training Equipment:** Tenderers are to provide a draft Training Equipment List for major items of Training Equipment and groups of other items of Training Equipment, in accordance with at least the sections of DID‑ILS‑TNG‑TEL identified in Table B-B-6.

Table B-B-6: Minimum requirements for the draft Training Equipment List

| Section | Name / subject and modifications to scope |
| --- | --- |
| 1. 6.2.2.2b.(i) | 1. item name |
| 1. 6.2.2.2b.(iv) | 1. manufacturer’s name and CAGE code |
| 1. 6.2.2.2b.(v) | 1. manufacturer’s part number |
| 1. 6.2.2.2e.(i) | 1. unit price (being the Contractor’s most favoured customer price) |
| 1. 6.2.2.2e.(ii) | 1. recommended total quantity to be procured |

* 1. Tenderers are to describe the method and rationale used to estimate for the range and quantity of Training Equipment to be procured by the Commonwealth with respect to the support-related requirements and the support concepts defined in the FPS and the OCD.

Note to drafters: If the required Materiel System is not expected to require any new and significant Training Equipment, then delete 8.6 and 8.7 and replace with ‘Not used’. If applicable, the examples in clause 8.5 should be updated to include items of Training Equipment that are expected under any resultant Contract.

Note to tenderers: The intent of the following requirement is to describe the major items of Training Equipment, focussing on those that are significant in terms of design and development. The intent is not to duplicate the proposed Support System solution (clause 7.1), which describes how these elements would be employed.

* 1. Tenderers are to identify all major items of Training Equipment (eg, simulators) that require design and development, and describe for each item:
     1. the function performed including, if applicable, how the function changes for the different states and modes identified in the OCD;
     2. the key design drivers;
     3. any major assumptions or constraints underpinning the proposed design solution, including any relating to interfaces with Defence systems and infrastructure; and
     4. the current maturity classification of the item, classified using the table at clause 2.1g, and the scope of the proposed development activity.

Note to drafters: If new and/or modified Facilities are likely to be required by the Commonwealth (eg, that tenderer-provided equipment will need to be installed into and/or that will be GFF under a subsequent support contract), drafters should liaise with Estate and Infrastructure Group (E&IG) to determine the appropriate information to be sought from tenderers. The information requested should facilitate E&IG’s planning and provide sufficient information to ensure that the tenderer’s Facilities proposal is sound. Drafters may edit the following clause and refer to DID-ILS-FAC-FRAR to further develop this requirement.

Note to tenderers: The following information is sought to allow the Commonwealth to understand the broad scope of Commonwealth Facilities required for the Materiel System, to assess the suitability, risk and the maturity of the proposed Support System, and to inform Facilities planning by the Estate and Infrastructure Group (E&IG) within Defence. If the tenderer is selected to participate in an ODIA, it may be required to progress its Facilities proposal, in consultation with the Commonwealth, in preparation for any resultant Contract.

* 1. **Facilities:** Tenderers are to provide a summary of any new and/or modified Commonwealth Facilities needed to enable the Commonwealth, and other parties (including contractors), to undertake the life-cycle processes of training, operation, maintenance, support and disposal of the Mission System and the Support System Components.
  2. **Technical Data:** Tenderers are to provide a draft Technical Data List (TDL), for Technical Data to be delivered to the Commonwealth and Associated Parties for the purposes of in-service support, in accordance with at least the sections of DID‑ILS‑TDATA‑MTDI identified in Table B-B-7.

Table B-B-7: Minimum requirements for the draft Technical Data List

| Section | Name / subject and modifications to scope |
| --- | --- |
| 1. 6.2.2.1a. | 1. item reference number, document or drawing number (as applicable) |
| 1. 6.2.2.1b. | 1. the name or title of the item of Technical Data |
| 1. 6.2.2.1e. | 1. a brief description of the item of Technical Data |
| 1. 6.2.2.1f. | 1. the unique product identifier of the **system component** (identified in response to clause 2.1) to which the Technical Data relates |
| 1. 6.2.2.1g. | 1. the name of the **system component** (identified in response to clause 2.1) to which the Technical Data relates |
| 1. 6.2.2.1h. | 1. the source of the Technical Data (eg, supplier / proposed Subcontractor) |
| 1. 6.2.2.1j. | 1. cross-reference(s) to restrictions (if any) in the TDSR Schedule that apply to the item of Technical Data, including cross-references to restrictions in the tendered draft TDSR Schedule (see TDR A-C-5) |
| 1. 6.2.2.1k. | 1. any applicable Australian or foreign security classification |
| 1. 6.2.2.1l. | 1. Technical Data category (ie, proposed type) |
| 1. 6.2.2.1o.(ii) | 1. if the item of Technical Data is to be delivered to the Commonwealth |
| 1. 6.2.2.1p. | 1. the intended end-user of the Technical Data |
| 1. 6.2.5.2e. | 1. the developmental status of the Technical Data |

1. Problematic Substances and Problematic Sources in Supplies (CORE)

Note to drafters: Defence policies referenced in the following note to tenderers may need to be provided with tenders to enable informed tender responses. Drafters should also check Defence’s external internet site for availability of references.

Note to tenderers: Defence policy on Hazardous Chemicals is detailed in the Defence Safety Manual. Defence policy on Ozone Depleting Substances and Synthetic Greenhouse Gases is detailed in DEFLOGMAN Part 2 Volume 3 Chapter 3. Defence policy on Problematic Sources is detailed in the Defence Radiation Safety Manual. Problematic Substances and Problematic Sources to be used in the Supplies will require the Approval of the Commonwealth Representative (via the Hazard Log). Such Approval will not be granted if inclusion of the substance or source infringes any Australian Federal, State or Territory legislation.

The tenderer’s response to clause 9.1 is the start of the Hazard Log to be developed under any resultant Contract (Acquisition). Identifying hazards ‘where applicable’ is to include hazards in existing (off-the-shelf) system components and, to the extent reasonably practicable, those to be developed. For example, a radar unit will be a Problematic Source based on its radiated power intensity, regardless of whether it is an existing or developmental system component.

* 1. Tenderers are to identify, where applicable, the following hazards to be contained in the Supplies:
     1. Hazardous Chemicals comprising:
        1. prohibited carcinogens and restricted carcinogens, each as defined in subregulation 5(1) of the *Work Health and Safety Regulations 2011* (Cth);
        2. hazardous chemicals, the use of which is restricted under regulation 382 of the *Work Health and Safety Regulations 2011* (Cth), including polychlorinated biphenyls; and
        3. lead that would require a lead process to be performed on the Supplies when being supported, as described by regulation 392 of the *Work Health and Safety Regulations 2011* (Cth);
     2. Dangerous Goods;
     3. Ozone Depleting Substances;
     4. Synthetic Greenhouse Gases; and
     5. Problematic Sources.

1. Environmental considerations (OPTIONAL)

Note to drafters: If there are likely to be significant environmental issues relating to the operation and / or support of the Supplies (eg, environmental contaminants, maintenance waste or other), drafters should develop a tender data requirement to obtain relevant information. If not applicable, replace this clause with ‘Not used’.

* 1. [...DRAFTER TO INSERT...]