DATA ITEM DESCRIPTION

1. DID NUMBER: DID-ILS-SUP-RPL-V5.2
2. TITLE: recommended PROVISIONING LIST
3. DESCRIPTION and intended use

The Recommended Provisioning List (RPL) documents the range and quantity of Spares, Packaging, Training Equipment, and Support and Test Equipment (S&TE) to be procured or developed and manufactured by the Contractor and, where applicable, delivered to the Commonwealth. The RPL identifies the Spares, applicable Packaging (ie, special-to-type or other high-value Packaging), Training Equipment, and S&TE required for Defence and Contractors (Support) to support the Mission System and Support System throughout the Life-of-Type (LOT) and, where applicable, the equipment that needs to be installed in Commonwealth Facilities. The RPL also provides details associated with the Spares analysis tools and models.

The Contractor uses the RPL to:

summarise the outcomes that resulted from implementing the Spares, Packaging, Training Equipment, and S&TE analysis activities in the Approved ISP, including analysis of the range and quantity of Support Resources;

document the Spares analysis tools and models and the results of Spares analysis activities undertaken;

advise the Commonwealth of the recommended set of Spares, Packaging, Training Equipment, and S&TE required to enable the in-service support of the Mission System and Support System Components; and

assist with demonstrating to the Commonwealth that the Contractor’s proposal for the Support System represents an effective and economical solution.

The Commonwealth uses the RPL to:

assist with the evaluation of the Contractor’s proposed Support System;

understand, evaluate and monitor the Contractor’s scope of work under the Contract with respect to Spares, Packaging, Training Equipment, and S&TE;

understand the range and quantity of applicable Support Resources to be procured by the Commonwealth under the Contract and/or from other sources; and

identify and understand the Commonwealth’s scope of work with respect to Spares, Packaging, Training Equipment, and S&TE.

1. INTER-RELATIONSHIPS

The RPL is subordinate to the following data items, where these data items are required under the Contract:

Integrated Support Plan (ISP); and

Training Recommendations Report (TNGRECR).

The RPL inter-relates with the following data items, where these data items are required under the Contract:

Contract Work Breakdown Structure (CWBS);

Technical Data Plan (TDP);

Software Support Plan (SWSP);

Verification and Validation Plan (V&VP); and

Logistic Support Analysis Record (LSAR).

1. Applicable Documents

The following documents form a part of this DID to the extent specified herein.

|  |  |
| --- | --- |
| DEF(AUST)1000C | *ADF Packaging* |

1. Preparation Instructions
   1. Generic Format and Content

The data item shall comply with the general format, content and preparation instructions contained in the CDRL clause entitled ’General Requirements for Data Items’.

The data item shall include a traceability matrix that defines how each specific content requirement, as contained in this DID, is addressed by sections within the data item.

* 1. Specific Content
     1. General

The RPL shall describe the approach adopted by the Contractor to ensure that the Contractor’s Spares, Packaging, Training Equipment, and S&TE recommendations enable the Mission System and Support System to be effectively and economically supported in accordance with the operational and support requirements and concepts defined in the DOR.

Unless otherwise specified in the Contract, the RPL shall address Support Resource requirements for:

the Commonwealth; and

the Contractor (Support) and Subcontractors (Support).

The Spares, Packaging, Training Equipment, and S&TE recommended to be procured by the Commonwealth shall be derived from the range and quantity analyses conducted in accordance with the Approved ISP.

The RPL shall provide details of the analysis process used to produce the recommendations of Spares, applicable Packaging, Training Equipment, and S&TE for the categories identified in clause 6.2.1.2 (particularly highlighting any differences from the analysis process outlined in the Approved ISP), including:

a description of the methodology employed;

identification of the data sources used;

identification of the key assumptions on which the analysis is based;

sample calculations (if applicable);

justification for the range and quantity of Spares, Packaging, Training Equipment, and S&TE required to support both the Mission System and the Support System;

the processes for ensuring that the proposed Spares, Packaging, S&TE, and Training Equipment are able to be accommodated, including space, installation and services requirements, in the destination Defence Facilities or Mission System;

the processes and methodology for the identification of the recommended Spares, Packaging, Training Equipment, and S&TE, including undertaking standardisation and offsetting with equipment that is already in service with the Commonwealth;

details of the sensitivity analyses conducted and results obtained, including results obtained from conducting sensitivity analyses to quantify the impact of varying:

reliability and maintainability values;

operational parameters, such as monthly rate of effort; and

logistics delay times; and

a description of the trade-off analyses conducted and results obtained.

* + 1. Spares
       1. Spares Analysis Tools and Models

The RPL shall describe the Spares analysis tools and models used by the Contractor in accordance with the Approved ISP, including:

definitions of all terms, acronyms, and parameters used;

any assumptions underpinning, or limitations with, the Spares analysis tools and models, including:

the scope of the Mission System that has been modelled including the indenture level of the product build structure and applicable subsystems;

the modelling of the operational environment and Rate of Effort (ROE); and

the modelling of the support environment;

any departures from the planned data sources;

any departures from the build structure of, or any of the assumptions underpinning:

the CWBS (if applicable);

the LSAR (if applicable);

acquisition and sustainment cost estimates; and

any other models utilised by the Contractor to model the Mission System and/or the Support System; and

the input data used for Spares analysis tools and models, including:

the source of the data;

the date that the data was first generated;

if the data is an estimate, the nature of the estimate; and

the justification for the use of the data. Examples of the data that should be justified include Turn-Around Time (TAT) data, Administration and Logistics Delay Time (ALDT) data, and reliability and maintainability data.

* + - 1. Spares Analysis Data Files

The RPL shall include the data files for the Spares analysis models in a form that does not require the Commonwealth to separately key the data into the Spares analysis models.

Where the Spares analysis tool(s) used by the Contractor is not held by the Commonwealth, the RPL shall include:

executable input files for the Spares analysis models; and

sufficient details of the Spares analysis tools to enable the Commonwealth to undertake Independent Verification and Validation (IV&V) of the Spares analysis models.

* + 1. Recommendations - General

The RPL shall provide the following information (using sub-reports and cross-references as appropriate), for the recommended Spares, applicable Packaging (ie, special-to-type or other high-value Packaging), Training Equipment and S&TE:

a specific record for each unique type of item (ie, each line item);

identification details, including:

item name / provisioning nomenclature, including the model or type;

NATO Stock Number (NSN), if known, or if the item requires codification;

manufacturer’s name and NATO Commercial and Government Entity (NCAGE) code;

manufacturer’s reference number / part number; and

manufacturer’s address;

details describing the nature and use of each line item, including:

Work Breakdown Structure (WBS) identification, Functional Group Code (FGC), or allocated LSA Control Number (LCN), where applicable;

when a LSAR is required in the SOW, the End Item Acronym Code and Useable on Code for each applicable type or model of the parent system; and

standards / specifications reference number(s);

identification of those items that require special handling because:

of security reasons;

they contain Problematic Substances; and/or

they are fragile or sensitive;

the recommended quantity of items by location, including Commonwealth and Contractor (Support) locations (noting that the Contract may allow for the Commonwealth to elect to own specific items that would be used by support contractors);

total quantity that is recommended for procurement by the Commonwealth through the Contract including, when applicable, subordinate quantities against each of the following:

peacetime requirements;

deployment requirements;

Insurance Spares; and

Reserve Stockholding Levels (which may include quantities from the previous two subordinate quantities);

provisioning information for each line item, including:

a unit price for each item, which shall be the Contractor’s most favoured customer price for the delivery of that item;

the source currency, for the unit price for the line item;

customs duties and other government duties, as applicable;

a total price for each line item;

provisioning lead time, including the identification of Long Lead Time Items;

the delivery location; and

a recommended delivery date; and

recommendations for items to be procured by the Commonwealth from sources external to the Contract, including for the purposes of standardisation or offsetting with items already in the Commonwealth inventory.

* + 1. Support and Test Equipment – Supplementary Requirements

The RPL shall provide the following information for each of the items of S&TE recommended to be procured by the Commonwealth:

configuration data including, when applicable, identification of the configurations of Mission Systems and Support System Components that the S&TE is useable on;

details of the associated Technical Data to be delivered to the Commonwealth, including:

operator manuals;

set-up and pack-up procedures;

Maintenance manuals;

calibration procedures; and

Software product information; and

when applicable, details of installation requirements for the item for the Commonwealth facility in which the item is to be installed.

* + 1. Spares – Supplementary Requirements

The RPL shall provide the following information for each of the Spares recommended to be procured by the Commonwealth:

the nature of the Spare (ie, repairable, consumable);

shelf life, for Spares with finite storage lives;

whether the Spares are safety critical components, including an annotation of the criticality and how the items are managed (eg, serial number tracking); and

when applicable, the Economic Order Quantity and the recommended maximum and minimum holding levels at each level of maintenance.

* + 1. Training Equipment – Supplementary Requirements

The RPL shall list all of the Training Equipment required by students, instructors and course content managers to undertake and provide Training in accordance with the Learning Management Packages (LMPs) delivered under the Contract, including as applicable:

simulators;

part-task trainers;

the Computer Based Training (CBT) or Computer Aided Instruction (CAI) hardware and Software environment;

other instructional Training aids; and

related tools and calibration equipment.

The RPL shall provide the following information for each of the items of Training Equipment recommended to be procured by the Commonwealth:

course name and course code / LMP identifier for the related course; and

configuration data including, when applicable, identification of the configurations of Mission Systems, or Support System Components, that the Training Equipment is suitable for;

details of the associated Technical Data to be delivered to the Commonwealth, including:

operator manuals;

set-up and pack-up procedures;

Maintenance manuals;

calibration procedures; and

Software product information; and

when applicable, details of installation requirements for the item for the Commonwealth facility in which the item is to be installed.