DATA ITEM DESCRIPTION

1. DID NUMBER: -
2. TITLE: Contractor-Defence CM data EXCHANGE SCHEMA
3. DESCRIPTION and intended use

Note to drafters: If included, this DID is to be developed to meet the specific needs of the project / program. The DID should be as complete as practicable for inclusion in the RFT. If the DID cannot be finalised before the RFT, drafters should include a ‘Note to tenderers’ to identify the information requirements that are to be completed with the preferred tenderer / Contractor.

The complexity of the Materiel System, maturity of Commonwealth and Contractor CSA Systems, and Commonwealth requirements to access CM data to inform contract activities, will determine the optimum method by which CSA data is transferred from Contractor to Commonwealth. Refer to CASG Handbook (E&T) 12-2-002, CM Guide, which shows possible transfer methods - this DID is applicable to ‘Method C’ only. Use of this DID requires inclusion of the corresponding ‘optional’ clause in the SOW for the exchange of CSA data and related details in the CDRL.

The following note refers to the roll-out of the Defence ERP System with applicable CM functionality as part of the Enterprise Asset Management (EAM) framework. The Defence ERP System will release CM functionality for different domains (Land, Sea, Air) at different times, which may occur before or after the ED of any resultant Contract, and thus require changes to this DID before or after ED. If the applicable ERP ‘Interface Development Specification’ for ‘Contractor Information Exchange’ is finalised (eg, for uXLoader and OpenText Object Importer), and this DID is updated before ED, then the note below may also be deleted. Drafters may need to amend the note below as additional information becomes available from the ERP program.

Note: The Defence Enterprise Resource Planning (ERP) System will replace existing Defence information systems, over a number of years.  If a Defence ERP solution for CM / CSA is not released prior to the start of the Contract, the subsequent introduction of these functions may require changes to the deliverable data formats developed in accordance with this DID.

Data transfer between Contractor and Defence Configuration Management (CM) Information Systems is an integral part of the Defence-Contractor interaction. This CM Data Exchange Schema defines how the Contractor is to apply EIA836B to realise an effective Configuration Status Accounting (CSA) data transfer capability. CSA data, produced from the Contractor's CSA system, and transferred in accordance with this DID, provides detailed information to describe the functional requirements and physical characteristics of Configuration Items (CIs), the status of changes to CIs, their associated documentation, and the actual configuration of individual CIs.

The Contractor uses the transferred CSA data to inform the Commonwealth of the current status of a product (ie, a complete system or CI) and its Product Configuration Information, associated Configuration Baselines, and changes to that product throughout the duration of the Contract.

The Commonwealth uses the transferred CSA data to:

understand the current configuration of a product, its Product Configuration Information, and relationship to Configuration Baselines (including system-level baselines); and

inform Commonwealth CM activities related to that product throughout its lifecycle.

1. INTER-RELATIONSHIPS

The Contractor-Defence CM Data Exchange Schema is subordinate to the following data items, where these data items are required under the Contract:

Configuration Management Plan (CMP);

Systems Engineering Management Plan (SEMP); and

Contractor Engineering Management Plan (CEMP).

The Contractor-Defence CM Data Exchange Schema inter-relates with the CSA Report.

1. Applicable Documents

The following document forms a part of this DID to the extent specified herein:

|  |  |
| --- | --- |
| 1. EIA836B | 1. Configuration Management Data Exchange and Interoperability |
| 1. DEF(AUST)10814 | 1. Land Materiel Data Exchange Standard |
| 1. ANP4422-6001 | 1. Materiel Data Exchange Specification |
| 1. EAMI 152 & 153 | 1. Defence ERP Program Interface Development Specification - Contractor Information Exchange |

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’ in the Statement of Work.

* 1. Specific Content

Exchange of CSA data shall conform to:

Note to drafters: Insert the exchange standards to be specified here.

DEF(AUST) 10814, Land Materiel Data Exchange Standard;

ANP4422-6001, Materiel Data Exchange Specification;

EAMI 152 & 153, Defence ERP Program Interface Development Specification - Contractor Information Exchange, and

[...DRAFTER TO INSERT...].

Note to drafters: If applicable, this section may need to include any additional specific physical or electronic transfer arrangements for transfer of CSA data in accordance with the applicable standard.