DATA ITEM DESCRIPTION

1. DID NUMBER: DID-ENG-DES-HEPR-V5.3
2. TITLE:  HUMAN ENGINEERING PROGRAM REPORT
3. DESCRIPTION and intended use

The Human Engineering Program Report (HEPR) describes the activities undertaken within the Contractor's Human Engineering (HE) Program, identifies its elements, and describes how the outcomes address the SOW requirements.

The Contractor uses the HEPR to present progress on the elements of the HE program up to Final Acceptance.

The Commonwealth uses the HEPR to monitor progress of the HE program and assess its ability to meet the SOW objectives up to Final Acceptance.

1. INTER-RELATIONSHIPS

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

Systems Engineering Management Plan (SEMP); and

Integrated Support Plan (ISP).

1. Applicable Documents

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

|  |  |
| --- | --- |
| *MIL-STD-1472G* | *Human Engineering* |
| *MIL-HDBK-46855A* | *Human Engineering Program, Process and Procedures* |

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

The HEPR shall describe the activities undertaken within the Contractor's HE Program, and describe how the outcomes address the Contract requirements. The activities described shall include:

Subcontractor activities,

systems analysis,

equipment design,

equipment procedure development,

Personnel and Training requirements, and

Verification and Validation.

The HEPR shall identify:

the agreed tailoring of MIL-HDBK-46855 or an equivalent standard Approved by the Commonwealth Representative; and

the agreed tailoring of MIL-STD-1472 or an equivalent standard Approved by the Commonwealth Representative.

Any agreed tailoring shall identify specific provisions by paragraph, rationale, for tailoring and effects of tailoring on the HE program. If no tailoring is applied beyond that specified in the SOW, then this shall be stated.