



“The application of EVM is becoming a key differentiator for companies undertaking MoD business”

Earned Value Management for a Major Equipment Programme

A prime contractor and the MoD were transitioning from the AP (Assessment Phase) of a major equipment programme into the D&M (Design and Manufacture) phase.

In order that the prime could meet the challenging programme timescales, it was essential that the Programme Management team ‘hit the ground running’.

The MoD was mandating the use of an ANSI/EIA 748 compliant EVM (Earned Value Management) system, the prime was moving to standardise EVM across the organisation.

As an established strategic supplier of Programme Management services to this particular contractor Harmonic was asked by them to provide key resource and expertise into the Programme Management team.

Developing a harmonised EVM System

The Harmonic team worked alongside the prime to establish the EVM System on the programme, and to launch the design, development and manufacture of key sub-systems.

In addition, Harmonic worked in the standardisation team to create the organisation-wide Integrated Project Management System Description; a set of processes and procedures for the operation and maintenance of a harmonised EVM System across the entire organisation.

Use of experienced Harmonic staff was essential to provide the momentum required at the start of the Programme and Harmonic worked closely with all stakeholders.

The Main EVM Activities
Undertaken were

- Establishing:-
 - Programme Management Roles and Organisational Breakdown Structure (OBS)
 - Work Breakdown Structure (WBS) and RAM (Responsibility Assignment Matrix)
 - PMB (Programme Management Baseline)
 - Reporting requirements
 - Documentation templates and guidelines
 - Effective tools for the analysis of project EVM data
- Successfully supporting the prime in the baseline review process
- Assisting in the establishment of Programme Specific Instructions
- Maintenance of the Performance Measurement Baseline

As part of the over-arching agreement to provide Programme Management services Harmonic entered into key skills transfer activities, so that the organisation's staff benefited from the Harmonic relationship.

The Benefits

The Programme 'hit the ground running', establishing a stable EVM system as required. Specific benefits were the:-

- Immediate establishment of an experienced team, knowledgeable in the implementation of EVM Systems;
- Availability of industry EVM 'best practice' from Harmonic's experienced staff;
- Mobilisation of a skilled delivery team, across a broad spectrum of sub-systems – Mission Avionics, Aircraft Avionics and Aircraft Structures;
- Synergy obtained from across the organisation via the standardisation team;
- Skills transfer to the prime's staff.

For more information about how Harmonic can assist across the programme lifestyle contact: Harmonic Limited, The Hatchery, Eaglewood Park, Ilminster, Somerset TA19 9DQ Tel: 01460 256 500 Email: enquiries@harmonicltd.co.uk www.harmonic.co.uk