QUORUM

INTEGRATED LOGISTIC SUPPORT

Improving performance through collaborative business relationships.

OUR LAND SYSTEMS EXPERIENCE

Some of Quorum's major Land Systems projects to date are:

- **Land 121 (L121) Heavy & Medium Recovery Vehicles (HRV) & (MRV):**
  Forming the ILS team for our client, Miller Industries Towing Equipment - the OEM for the recovery top hamper. Conducting all the ILS activities for this programme, including the development of all Technical Documentation. Follow on programmes will include variants of the system being provided for the Singapore Wheeled Recovery Vehicle (WRV) and the Norway/Sweden (NoSe) Recovery Vehicle 1 (RV1) and Recovery Vehicle 2 (RV2).
  Fleet Size: 215 Vehicles.

- **Support Vehicle (SV):**
  Responded to all ILS SOW requirements as ILS Prime Contractor for MAN Truck & Bus UK Ltd on all aspects of ILS, R&M, Safety Case Management, Risk Management, provision of the V&V database and the population of a Def Stan 00-60 LSAR.
  Fleet Size: 9000 Vehicles.

- **Support Vehicle (Recovery) - SV(R):**
  Full range of ILS activities for the recovery vehicles including population of a Def Stan 00-60 LSAR.
  Fleet Size: 288 Vehicles.

- **Warrior Capability Sustainment Programme (WCSP):**
  Providing ILS Management, R&M support including planning, predictions, R&M modelling, Case development and planning for RGT, concluding with a successful Critical Design Review (CDR). Also produced the Base Overhaul Repair Instructions as part of the Framework Agreement Technical Support (FATS) to the MoD.
  Fleet Size: 600 Vehicles.

- **AJAX (formerly Scout Specialist Vehicle (SV)):**
  Project Management and the Functional Safety Lead Role. Also carried out FTA, developed the FMECA and produced the R&M Case Report. All the support was provided to Lockheed Martin UK Limited throughout the development phase which concluding with a successful CDR and the transition to manufacture phase.
  Fleet Size: 245 Vehicles.



Economic Base Repair (EBR):

Development of the EBR Instructions on behalf of BAE Systems for the Warrior variants to assist with the transition of the Level 4 repair process between the Defence Support Group (DSG) and Babcock.

Fleet Size: 600 Vehicles.

Terrier:

Providing ILS Management leading to In-Service Date (ISD) and supported the Technical Documentation Team with the production of the Interactive Electronic Technical Publications (IETPs) aligned to ISD.

Fleet Size: 60 Vehicles.

PANTHER Command and Liaison Vehicle (CLV):

ILS Management, Development of CLS Solution, Development of ILS Plans, LSA Tailoring, Risk and Safety Management and the development of Microsoft Access based Risk and Safety Software tools.

Fleet Size: 401 Vehicles.

Tactical Wheeled Vehicle (TWV):

Members of the Quorum Team carried out the roles of ILS Manager and Reliability & Maintainability (R&M) Engineer on the bid team providing input to the submission of the Pre-Qualification Questionnaire (PQQ) which saw the client successfully down-selected to the next phase of the programme. The focus of effort then moved on to the development of all Supportability Engineering aspects of the next submission (response to the Invitation To Negotiate (ITN).

Fleet Size: 255 Vehicles.

Artillery System 90 (AS90):

Produce the ILS outputs (LSA, R&M, MTA, SS, Tech Docs & Trg) for the upgraded Drivers Console Unit (DCU) so as to overcome obsolescence issues and to ensure the continuation of in-service support.

Fleet Size: 179 Vehicles.

Challenger 2 Main Battle Tank:

Providing bid support to the Life Extension Programme (LEP) response, specifically the Supportability Assessment Report and Obsolescence Management Plan.

Fleet Size: 408 Vehicles.

Combat Vehicle Reconnaissance Tracked (CVRT) and BULLDOG:

Finite Element Analysis (FEA) on the towing, recovery, lifting and tie down brackets, including: identify the geometry of the lug arrangements and surrounding structure; review CAD and existing FE Models for identified areas; analyse lug arrangements for load envelope; generate spreadsheet to capture the findings of the analysis and produce a final report for each arrangement.

Fleet Size: 5300 Vehicles.

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