FIELD ELECTRICAL POWER SUPPLIES - SUPPORT

ANNEX F

SAFETY & ENVIRONMENTAL REQUIREMENTS

1. SAFETY AND ENVIRONMENT

1.1 The Contractor shall ensure that the Articles to be supplied under the Contract are safe to operate and maintain to a level that is As Low As Reasonably Practicable (ALARP). Impacts to the environment are reduced to a level considered as the Best Practicable Environmental Option (BPEO). All relevant statutory requirements and the requirements stipulated in the Safety and Environmental Documents in their Annex or elsewhere in the Contract for the safety of the Articles are met in full.

1.2 The Authority shall confirm to the Contractor that the Field Electrical Power Supplies - Support (FEPS-S) equipment being transitioned to the Contract is safe to operate and maintain and is the BPEO for the application they are being used for, and that all relevant statutory requirements and the requirements stipulated in their Annex or elsewhere in the Contract for the Safety and Environmental Articles are met in full.

1.3 In performing the Contract, the Contractor shall comply with all their statutory duties and obligations relating to safety and the environment and shall be responsible for ensuring that none of the specifications or other contract requirements causes him to be in breach of any statutory duty of obligation relating to safety or the environment.

1.4 If, after the Contract is made, it appears that any specification or other contract condition agreed between the Contractor and the Authority may render the Contractor in breach of any statutory duty or obligation relating to safety or the environment, the Contractor shall immediately draw that fact to the attention of the Authority.

1.5 The Authority may, without prejudice to any of their rights that may have arisen, require the Contractor to vary each such specification or condition in a manner acceptable to the Authority and which will not render the Contractor in breach of any statutory duty or obligation relating to safety or the environment.

1.7 The Authority shall be entitled to reject the Articles to be supplied under the Contract if any relevant statutory safety and environmental requirements set out in each Specification or elsewhere in the Contract are not met in full.

2. FEPS-S Safety and Environmental Requirements

2.1 The Contractor shall provide Safe Systems and the Best Practicable Environmental Option (BPEO) in accordance with (IAW) the requirements stated in Annex A (FEPS-S Service SoW) and Annex D (Contract Data Requirements List; CDRL).

2.2 For the avoidance of doubt, the scope of the requirements in their Annex shall cover the provision of safety and environmental management for the FEPS-S equipment to be supported under the Contract.

2.3 All safety and environmental related processes, procedures and products associated with the delivery and support of the FEPS-S requirements shall adhere to the following Standards and Policies as amended:

a) Def Stan 00-056: Safety Management Requirements for Defence Systems.

b) Def Stan 00-051: Environmental Management Requirements for Defence Systems.

c) DSA02.DLSR Land System Safety & Environmental Protection Regulation.

d) DSA03.DLSR.LSSR Land System Safety and Environmental Protection.

e) JSP 418: Management of Environmental Protection in Defence.

f) JSP 375: MOD Health and Safety Handbook.

g) DSA 01.1 – Defence Policy for Health, Safety and Environmental Protection.

h) JSP 515: Hazardous Stores Information System.

i) ISO 14001:2015: Environmental Management Systems - Specification with guidance for use.

j) Acquisition Safety and Environmental System (ASEMS) includes:

   i. Project Oriented Safety Management System (POSMS).

   ii. Project Oriented Environmental Management System (POEMS).

2.4 The Contractor shall issue a FEPS-S Equipment Safety and Environmental Management Plan (SEMP) that is accepted by the Authority prior to the commencement of FEPS-S Service (Partial), IAW CDR 06-02.

2.5 The Contractor shall produce and maintain Safety and Environmental Cases throughout the duration of the FEPS-S service, in order to provide support to the Safety and Environmental Case Reports, IAW CDR 06-03.

2.6 The Contractor shall maintain and demonstrate compliance with a Legislation and Standards Register containing all current and pending legislation and standards relevant to the conduct of the Contract, IAW CDR 06-04.

2.7 The Contractor shall be responsible for the management of Safety and Environmental Panel (SEP) for the duration of the Contract. The aim is to provide a forum for monitoring and co-ordinating all safety and environmental management issues and risk reduction activities to ensure effective levels of safety are achieved and maintained.

2.8 The Contractor’s SEP responsibilities include but is not limited to:

a) Arranging a suitable date to ensure the SEP is quorate.

b) Producing calling notices – unless an extraordinary meeting, these shall be distributed to attendees at least [INFORMATION REDACTED] in advance.

c) Facilitate and lead SEPs using SQEP.

d) Produce meeting minutes IAW CDR 01-04.

e) Managing post-meeting Action logs IAW CDR 01-04 and ensuring they are closed off.

2.9 An example SEP agenda can be found at Appendix A of this document.

2.10 The Contractor shall ensure that all safety assessments incorporate the impact on or by systems physically interfacing to the equipment or modules.

2.11 The Contractor shall identify, seek Authority approval and record in the appropriate user and contract safety documentation, the required levels of manning and competence in order to transport, install, operate and maintain FEPS-S equipment safely.

2.12 The Contractor shall ensure safety and environmental related processes, procedures, warnings and notices are incorporated into User and Maintainer documentation and training material, and maintained thereafter.

2.13 The Hazard Logs shall be created and maintained by the Contractor using the eCassandra tool. All Hazard Logs shall be viewable by the Authority directly through the eCassandra tool.

2.14 The Contractor shall convene a SEP for each equipment / module to review the continued accuracy of the Safety and Environmental Case and, particularly, the risk assessment. The frequency of these reviews shall occur as a minimum:

a) Every [INFORMATION REDACTED] months.

b) On change of context (legislation, environment, user, duration, quantity) of the main equipment and / or module.

c) On change of design of either an equipment or module.

d) After a major incident where elements of the FEPS-S system are believed to have been a contributory or major factor in the cause of the incident.

2.15 The Contractor, with support from the Authority and their agents, shall identify and implement appropriate control measures to ensure all safety risks are made tolerable and ALARP, throughout the equipment life, in the most expedient manner.

2.16 The Contractor, with support from the Authority and their agents, shall identify and implement appropriate control measures to ensure that the environmental risks are managed to a level assessed as the BPEO, throughout the equipment life, in the most expedient manner.

2.17 The Contractor shall create and maintain a record of all notified incidents and near misses arising from either the User or the Contractor or one of their representatives IAW CDR 06-05.

2.18 The Contractor shall fully co-operate with the requests of any Independent Safety Advisor or Auditor appointed by the Authority for the purposes of ensuring that the project is being managed in an efficient and effective manner. They shall include access to premises, personnel, and provision of data, records and reports as required.

2.19 The Contractor shall fully co-operate with the relevant MOD authorities involved in the investigation of an accident or near miss associated with the use of FEPS-S equipment. They shall include access to premises, equipment, personnel, and provision of data, records and reports as required.

2.20 The Contractor shall complete and upkeep the following:

a) Register of Environmental Legislation and Standards. (Included in current Safety Cases).

b) Compliance with Legislation.

c) DEFFORM 68: Hazardous Articles, Materials or Substances statement by the Contractor. Template provided at Appendix i to this Annex.

3. Appendix A – SEP agenda example

ITEM	TITLE	LEAD
1	Introductions and Apologies	
2	Confirm SQEP attendance	
3	Previous minutes accepted	
4	Assumptions	
5	Limitations of use	
6	Interfaces with other equipment	
7	Outstanding safety actions	
8	Accidents, incidents and near misses including investigation report(s)	
9	Equipment Failure reports affecting safety	
10	Safety Notices via Email (SNvE)	
11	Legislation Compliance	
12	Changes to Maintenance	
13	Changes to use, Environment	
14	Modifications since last review	
15	Publications	
16	Training	
17	Risk Matrix	
18	Hazard log review	
19	Environmental Issues	
20	Disposal	
21	Issues for escalation to Management Board	
22	Status of Safety Case (incl. signatory)	
23	Review of panel actions	
24	AOB	
25	ALARP Status	
26	Date of next meeting	