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**Warhead Electrical Engineer**

To provide electrical/electronic design analysis, evaluation and qualification of a

|                         |                          |
|-------------------------|--------------------------|
| <b>Discipline</b>       | Engineering - Electronic |
| <b>Employment Basis</b> | Full Time                |
| <b>Location</b>         | Aldermaston              |
| <b>Salary Range</b>     | £28,000 to £38,000       |
| <b>Job Reference</b>    | 27/11/02/650192          |

**Key accountabilities**

To support the approval programme for the introduction of the System into UK 1  
 To be responsible for maintaining the Design Authority design record for the Sys  
 To be responsible for preparing trials requirements and trials specifications.  
 To participate in electrical trials in the UK and functional trials in the US.  
 To be responsible for preparing trials evaluation reports for trials.  
 To be responsible for preparing technical assessments based on UK and US qual  
 To review formal analysis and design evidence to support approval submissions.  
 To undertake modifications to the UK Trident design package.  
 To support warhead Process Run Throughs at AWE(B)  
 To represent the Design Authority at AWE meetings.  
 To represent the Design Authority at US/UK exchanges.

**Responsibilities**

Operating with the company's standards relating to Security, Quality, Environme  
 roles at AWE.

**Qualifications**

Degree in electronic engineering or a related science based subject.  
 Membership of a Professional Engineering Institution.

**Knowledge**

Knowledge of Warhead Electrical Systems and their technologies.  
 Knowledge of warhead electrical interfaces with other warhead sub-systems and

**Experience**

Experience in electronic systems design and development.  
 Experience in assessing engineering and scientific evidence.  
 Experience in software development  
 The ideal candidate will have broad experience in these areas.

**Skills**

Ability to use office-based computer applications.  
 Ability to plan and execute formal trials.  
 Ability to write concise technical reports.  
 Ability to deliver good technical presentations.  
 Ability to anticipate problems and develop solutions.

**Behaviours**

To maintain a clear focus on high performance.  
 To understand the needs and objectives of others within the team.  
 To work effectively within a team framework to common goals.

Be able to communicate clearly, concisely and unambiguously at all levels.

**Special Requirements**

Willing to travel to design and test facilities in the USA and AWE Burghfield.

Willing to undertake a MSc in Systems Engineering.

Willing to act as mentor to graduate electrical engineers.

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