Systems Analyst for the Data Handling System

(Interviews for this position are expected to take place during week beginning 27 October 2014)

GRADE:
A2, according to the scales of the Co-ordinated Organisations.

REFERENCE NO:
VN14-18

LOCATION:
ECMWF Headquarters at Shinfield Park, near Reading, Berkshire, United Kingdom.

ENVIRONMENT:
The European Centre for Medium-Range Weather Forecasts (ECMWF) is an international organisation supported by 34 States.

Description

MAIN DUTIES:
The post is in the Data Handling System team in the High Performance Computing & Storage Section of ECMWF’s Computing Department.

The DHS team supports the data archive. The successful applicant will work as part of a small team that ensures the system continues to provide the high levels of service that are expected.

The main duties of the post include:
- assisting with the management of the overall DHS archive and its infrastructure, the installation and configuration of both Linux and AIX operating systems and the various data management software applications used at ECMWF (currently HPSS, DB2 and TSM);
- working closely with engineers when new hardware is installed, in order to configure, test and evaluate the hardware and bring it into production in a timely fashion;
- providing day-to-day support for the DHS, which entails periodic 24-hour on-call support;
- providing scripting services for the DHS team, in particular:
  - providing monitoring and administration tools, as well as documentation and training, to enable the effective and efficient running of the DHS service to be maintained;
  - providing analysis tools for ascertaining trends and patterns in the use of the DHS, principally for capacity analysis and planning;
- assisting in the research and evaluation of new types of servers, automated tape libraries, peripheral devices and media, which may involve liaising with the development teams of various vendors and providing input for the long-range strategic planning of the DHS facilities.

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