

TITLE: Computing technologies specialist CODAC&IT, H&CD and Diagnostics / CODAC		CHD 009
REPORTS TO LINE MANAGER: Division Head, CODAC & IT		
DIRECT EMPLOYMENT: NOT REQUIRED		GRADE RANGE: P2 - P4
DATE WRITTEN:	DATE REVISED:	DATE REVISED:

Purpose:

The candidate will report to the Division Head (DH), CODAC & IT. The candidate will join a group of IT specialists providing support to the ITER team, especially Project Computing and CODAC. The development of databases for use by the ITER team is currently based on MySQL and Oracle with which the candidate should be familiar. The candidate should have experience of XML technologies and web technologies to produce high performance high quality applications.

Major Duties/Responsibilities:

- Much of the ITER CONTROL, Data Access and Communications system (CODAC) will rely on these technologies and the development of methods for ultra-high data handling will be developed by the candidate.
- This post requires a broad view of databases, XML technologies and web based technologies.

Qualifications Required:

- The successful candidate will have at least 10 years of practical experience, preferably in a research or industrial environment, and a university training in computer science, science or engineering.
- Experience in a high performance environment would be an advantage, as would an understanding of the research environment.
- Good working knowledge of spoken and written English is essential. An ability to work in an international environment should be demonstrated.

Work Direction and Interfaces:

Reports to the DH for CODAC & IT.

Authority/Approval Levels:

Has authority and approval levels defined by the DH for his scope of work.

Measures of Effectiveness:

- Successfully develops the design of CODAC & IT systems.
- Successfully prepares the relevant procurement packages.
- Successfully manages the procurement of the CODAC & IT Systems.
- Successfully develops cost effective installation and testing plans.
- Successfully maintains effective communications with all parties delivering subsystems for the CODAC & IT systems.
- Successfully supports the CODAC & IT need of the project.