

IO1337 Control System Coordinator CHD-048

General information

Job category	Standard
Status	Published
Department	DIP/Directorate for CODAC, Heating & Diagnostics
Division	CHD / Control System Division
Section	CHD / CSD / CODAC Section

Job description

Main job	Engineering - Control system
Title of the position	Control System Coordinator CHD-048
Job family	Coordinating Engineer
Grade	P4
Direct employment	Not required
Purpose	<p>To lead the design, procurement, implementation, integration and commissioning effort of the Experimental Physics and Industrial Control System (EPICS) based Control, Data Access and Communication (CODAC) system of ITER.</p> <p>To take full responsibility of delivering EPICS based parts of CODAC Core System as well as CODAC Operation Application on schedule and within budget.</p> <p>To act as the expert in EPICS technologies and tools within the Control System Division.</p> <p>To liaison with the EPICS open source development community and to ensure ITER requirements are fed into the development.</p> <p>To perform parts of the CODAC final design.</p> <p>To manage contracts to support above activities.</p>
Main duties / Responsibilities	<ul style="list-style-type: none">- Takes the leading role in promoting and optimizing the use of EPICS in the implementation and commissioning of CODAC and plant system control;- Mentors and supports all stakeholders, internal as well as Domestic Agencies and industries, in the best practice use of EPICS;- Prepares and follows technical audits and critical project reviews associated to the procurement and construction of plant systems to verify the correct use of EPICS;- Contributes to and supports factory and site acceptance tests of plant systems and their integration with CODAC;- Manages external contractors activities relating to the use of EPICS;- Liaisons with the EPICS open source development community;- Contributes to the final design of CODAC by drafting some of the CODAC final design documents;- Assesses and reviews CODAC final design documents;- Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the Strategic Management Plan;- Performs other duties linked to the above purpose upon management request, as necessary;- Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.
Measures of effectiveness	<p>Reports to CODAC Section Leader;</p> <p>Interacts frequently with other members of the Control System Division as well as with plant system responsible officers within ITER Organization as well as in the Domestic Agencies;</p> <p>In response to requests from the Director-General and/or Director of CODAC, Heating & Diagnostics, or proactively, informs the DG/ Director of CODAC, Heating & Diagnostics of any important and urgent issues that cannot be handled by the concerned line management and may jeopardize the achievement of the Project's objectives.</p> <p>Implements and delivers the relevant parts of CODAC system within schedule and budget;</p> <p>Successfully supports integration and commissioning of plant systems;</p> <p>Develops and maintains effective communications with all stakeholders.</p> <p>SAP Id: 50000725 - Project construction phase.</p>

Applicant criteria

Level of study	Master or equivalent degree
Diploma	Computer science, electronics or relevant
Level of experience	At least 10 years
Technical experience	<div><div>- Experience in designing, implementing and commissioning EPICS based control system;</div><div>- Experience in dealing with control system stakeholders (physicist, control engineers, operators, technical domain experts);</div><div>- Experience in software engineering and quality assurance;</div><div>- Experience in using Linux and real-time operating systems.</div></div>
Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
Languages	English (Working)
Specific skills	<div>MS Office standard (Word, Excel, PowerPoint, Outlook)</div> <div>Excellent computer and IT skills (MS Office, Linux) are mandatory;</div>
Others	<div>Basic Project Management experience is required;</div> <div>Experience in dealing with contractors, managing the procurement of products and services in a competitive manner;</div> <div>Ability to work effectively in a multi-disciplinary environment;</div> <div>Ability to write technical documents.</div>