

## CONTRACTS AWARDED IN 2009

| WP Ref.           | Division                                    | Subdivision                        | System                     | File description   | Company  |
|-------------------|---|------------------------------------|----------------------------|--|--|
| WP09/ES/01        | Engineering Support Division                |                                    |                            | Provision of engineering support in the area of electromagnetic analysis   | Consortium CREATE  |
| WP09/ES/01        | Engineering Support Division                |                                    |                            | Provision of engineering support in the area of electromagnetic analysis   | Consortium CREATE  |
| WP09/ES/05        | Engineering Support Division                |                                    |                            | Provision of Engineering Support in the Area of Neutronics Analysis  | UKEA   |
| WP09/ES/05        | Engineering Support Division                |                                    |                            | Provision of Engineering Support in the Area of Neutronics Analysis  | MILLENIUM  |
| WP09/ES/05        | Engineering Support Division                |                                    |                            | Provision of Engineering Support in the Area of Neutronics Analysis  | UKEA   |
| <b>WP09/ES/09</b> | <b>Engineering Support Division</b>         |                                    |                            | <b>Engineering support to F4E</b>  | <b>CONSORTIUM ASSYSTEM<br/>(Assystem France, Assystem UK and Assystem Iberica)</b>   |
| WP09/ES/09        | Engineering Support Division                |                                    |                            | Engineering support to F4E   | CONSORTIUM SOCOIN, CIEMAT,<br>FUNDACION ROBOTIKER RUCKER LYPSA,<br>S.L. SERVICIO DE INGENERIA Y TECN., S.A. ITD,<br>LEADING ENTERPRISES S.L., ECO OIL, C-CON |
| WP09/ES/09        | Engineering Support Division                |                                    |                            | Engineering support to F4E   | ASSYSTEM UK  |
| WP09/ES/09        | Engineering Support Division                |                                    |                            | Engineering support to F4E   | IBERDROLA  |
| WP09/ES/11        | Engineering Support Division                |                                    |                            | Alternative Vacuum Vessel- Mechanical Design   | IDOM   |
| WP08/16/02        | Machine Systems Division                    | In Vessel Group                    | Blanket                    | Provision of "Ultrasonic Testing of Beryllium coated First Wall Mock-ups"  | AREVA NP   |
| WP09/16/08        | Machine Systems Division                    | In Vessel Group                    | Blanket                    | Cost comparison study between the 1MW/m2 design and the 5MW/m2 design of the ITER First Wall Panel   | AMEC NUCLEAR (UK)  |
| WP09/16/09        | Machine Systems Division                    | In Vessel Group                    | Blanket                    | Manufacturing and Costing Study of a large Shield block concept for an alternative ITER Blanket design   | AREVA NP   |
| WP09/17/04        | Machine Systems Division                    | In Vessel Group                    | Divertor                   | High Heat Flux Testing of Divertor Components  | AREVA NP   |
| <b>WP08/11/01</b> | <b>Machine Systems Division</b>             | <b>Magnet Group</b>                |                            | <b>Supply of Radial Plate Prototype</b>  | <b>CNIM</b>  |
| <b>WP08/11/02</b> | <b>Machine Systems Division</b>             | <b>Magnet Group</b>                |                            | <b>Supply of Chromium plated Nb3Sn Strand</b>  | <b>BRUKER EAS</b>  |
| <b>WP08/11/02</b> | <b>Machine Systems Division</b>             | <b>Magnet Group</b>                |                            | <b>Supply of Chromium plated Nb3Sn Strand</b>  | <b>OXFORD SUPERCONDUCTING TECHNOLOGY</b>   |
| <b>WP08/11/03</b> | <b>Machine Systems Division</b>             | <b>Magnet Group</b>                |                            | <b>Supply of Chromium Plated Copper Strand</b>   | <b>GTD Sistemas de Informacion</b>   |
| WP08/11/05        | Machine Systems Division                    | Magnet Group                       |                            | Supply of Conductor Samples for Cryogenic Tests  | CRIOPEC IMPIANTI S.R.L.  |
| WP09/11/01        | Machine Systems Division                    | Magnet Group                       |                            | PF Conductor Sample  | ENEA   |
| WP09/15/05        | Machine Systems Division                    | Magnet Group                       |                            | The Contribution to the Assessment of Acceptability for Closure Weld with Backing Strip for the Outer Wall of Containment Vessels for Fusion Energy Experiments and a concept method for manufacturing                         | CNIM   |
| WP09/15/06        | Machine Systems Division                    | Vacuum Vessel Group                |                            | Manufacturing Design Study of Torus-Shaped, Double-Shelled Large Pressure Vessels with Water-Cooled Interspaces and External High Vacuum   | Ansaldo Nucleare Spa   |
| WP09/56/01        | Plant System Division                       | Test Blanket Modules Group         |                            | Supply of EUROFER Steel Plates   | Saarschmiede GmbH  |
| WP08/52/02        | Plasma System Division                      | Heating Current Drive Group        | EC PS 5.2.3 & 5.2          | Coaxial Gyrotron Development – Prototype 1, 170 GHz, 2MW, 1S, Refurbishment  | THALES ELECTRON DEVICES S.A.   |
| WP09/52/10        | Plasma System Division                      | Heating Current Drive Group        | EC UL                      | Completion of the preliminary optical design and preparation of technical documentation (mm-wave design & components) for the ITER Upper Launcher Preliminary Design Review  | Centre de Recherches en Physiques des plasmas (CRPP)   |
| WP09/52/10        | Plasma System Division                      | Heating Current Drive Group        | EC UL                      | Production of the ITER EC Upper Port Plug Preliminary Design review documentation (structural, diamond window and integration) and completion of welding tests for the port plug structure                                     | FZK  |
| WP09/52/10        | Plasma System Division                      | Heating Current Drive Group        | EC UL                      | Preparation of the documentation for the ITER EC Upper Launcher Preliminary Design Review for launcher performance analysis, launcher control and support to mm-wave design  | Consiglio Nazionale delle Ricerche (CNR)   |
| <b>WP09/53/09</b> | <b>Plasma System Division</b>               | <b>Heating Current Drive Group</b> | <b>Neutral Beam System</b> | <b>Experiment on a Large RF Ion Source with Extraction (ELISE)</b>   | <b>Max-Planck-Institut fuer Plasmaphysik (IPP)</b>   |
| <b>WP09/PE/03</b> | <b>Plasma System Division</b>               | <b>Plasma Engineering Group</b>    |                            | <b>ITER vessel and SBM design : Plasma Control and scenario analysis</b>   | <b>Consortium CREATE</b>   |
| WP09/PO/02        | Project Office Division                     |                                    |                            | Support in Industrial Risk Analysis  | NIER Ingegneria S.p.A  |
| WP09/PO/02        | Project Office Division                     |                                    |                            | F4E Project Management Diagnostic  | MI-GSO Diagnostic and Consulting   |
| WP09/62/02        | Site and Building and Power Supplies        | Site & Buildings                   |                            | Support in tendering the Design and Build (DB) contract, Safety and Health Protection Coordination (SHPC) contract, Legal Inspection (LI) contract and Support-to-the-Owner (OS) contract for the ITER PF fabrication building | EMPRESARIOS AGRUPADOS  |
| WP09/62/05        | Site and Building and Power Supplies        | Site & Buildings                   |                            | Revision of cost estimates and construction schedule of ITER buildings   | CEA  |
| WP09/62/08        | Site and Building and Power Supplies        | Site & Buildings                   |                            | Engineering support in the area of civil engineering analysis  | Consortium Eneghia<br>(Halcrow Group Ltd, Idom, Altran Technologies)   |
| WP09/62/08        | Site and Building and Power Supplies        | Site & Buildings                   |                            | Engineering support in the area of civil engineering analysis  | Consortium Eneghia<br>(Halcrow Group Ltd, Idom, Altran Technologies)   |
| WP09/62/08        | Site and Building and Power Supplies        | Site & Buildings                   |                            | Engineering support in the area of civil engineering analysis  | Consortium Eneghia<br>(Halcrow Group Ltd, Idom, Altran Technologies)   |
| <b>WP09/62/10</b> | <b>Site and Building and Power Supplies</b> | <b>Site &amp; Buildings</b>        |                            | <b>Building Value Engineering (Phase III)</b>  | <b>Jacobs France</b>   |

37 Contracts awarded for a total value above 90M € (7 above 1 M €)