US ITER Business Opportunities

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Procurement Strategy

The US ITER Project Office (USIPO) conducts its tendering process for in-kind design and equipment contributions in accordance with US law and policy, our DOE Contract and the appropriate procurement arrangement with the ITER Organization. Most acquisitions are conducted as competitive, best value procurements, with evaluations based on technical and price factors. Awards are made to financially responsible, technically responsive and capable suppliers worldwide. Typical technical factors for evaluation include the level of understanding and capability of meeting requirements, the supplier's quality program, and past performance/previous experience. Suppliers must qualify for inclusion on the USIPO Approved Supplier List as a condition of award.

Upcoming Opportunities

US ITER procurements are planned for

- Tokamak Cooling Water System
- Vacuum & Roughing Pump System
- Electron Cyclotron Transmission Lines
- Ion Cyclotron Transmission Lines
- Instrumentation & Controls

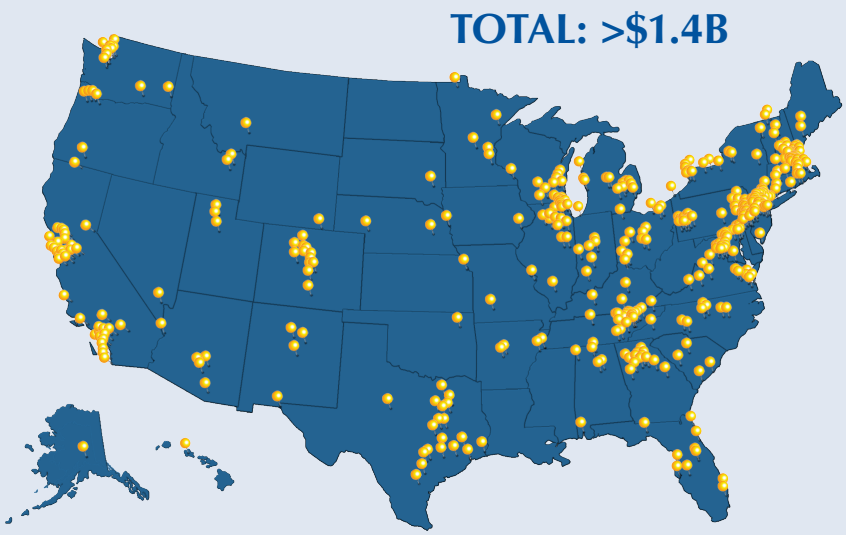
Procurement Process

- Companies that express interest in a business opportunity are included on the source list and furnished with a solicitation package when it is released.
- U.S. small businesses may reach out to the Oak Ridge National Laboratory (ORNL) Small Business Programs Office for additional resources: https://smallbusiness.ornl.gov

As of December 2022, more than $1.4B has been awarded to US industry and universities and obligated to DOE national laboratories in 46 states plus the District of Columbia. US ITER has placed contracts with more than 600 vendors.

Additional Information for vendors is available at https://www.usiter.org

- ITER Organization and ITER Partner Procurements
- Complete description of US hardware contributions to ITER, including technical overviews of each system
- Project information

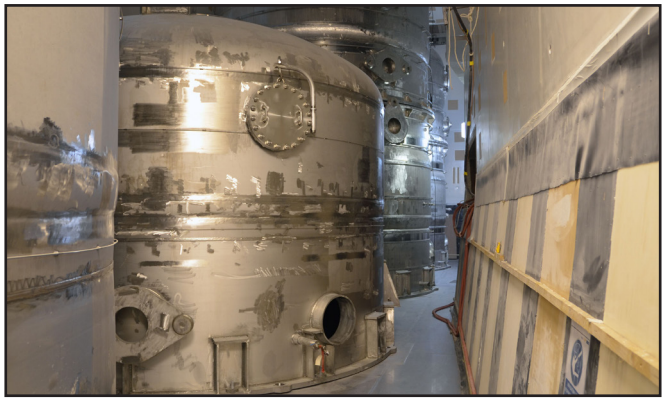


US industry has already contributed hardware for ITER

Components procured by US ITER for the steady-state electrical network are now installed and in operation at the ITER site. Photo: ITER Organization

The first central solenoid module has been stacked in the ITER Assembly Hall. Photo: ITER Organization

US companies produced and delivered over 4 miles of superconducting cable-in-conduit for the ITER toroidal field magnet system. Photo: US ITER



US companies produced and delivered nuclear certified drain tanks for the tokamak cooling water system; several tanks are already installed in the ITER tokamak complex. Photo: ITER Organization

Additional hardware is now in fabrication

A central solenoid module in the turnover tool at General Atomics in Poway, CA. Photo: GA

Fabrication of a nitrogen tank for the tokamak cooling water system was completed by Inovoal in Houston, TX. Photo: US ITER

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