



**FUSION  
FOR  
ENERGY**

**Which opportunities for industry  
next?**



## IO

### International Public Procurement Rules

Competition, fair treatment, transparency  
Ultimate authority with ITER Council

Geographical scope: **all ITER parties**

Threshold for publication: **100 k€**

Publication: website and through DAs  
<http://www.iter.org/proc/overview>

Types of contract: commercial procurement, ITER Project Associates, expertise

Procurement procedures: open call, restricted call, negotiation, competitive dialogue, etc

Support to locate **staff and facilities near ITER site** provided through *Agence ITER France* and *Welcome Around ITER* partnership <http://welcome-around-iter.com>

## F4E

### EU General Financial Regulation

(based on Public Procurement Directive 2014/24/EU)  
Wide competition, fair treatment, transparency, proportionality, non-discrimination  
Ultimate authority with European Parliament

Geographical scope: **EU (extraordinary World)**

Threshold for publication: **144 k€**

Publication: website and TED  
<https://industryportal.f4e.europa.eu>

Types of contract: commercial procurement, research grants, innovation partnerships, framework partnerships, expertise

# IO and F4E rules to engage industry



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FOR INDUSTRY / [PROCUREMENT](#)

## FOR INDUSTRY

### PROCUREMENT

GENERAL INFORMATION

HOW TO APPLY

### OVERVIEW OF TENDERS

TENDER PROCESSES

VAT AND OTHER EXEMPTIONS

INTELLECTUAL PROPERTY

FOREIGN WORKERS IN FRANCE

BUSINESS EVENTS

## TENDERS OVERVIEW

The ITER Organization's Procurement and Contract Division is responsible for procuring goods and services which ensure the best value for money for the Organization in a timely and efficient manner.

The Procurement and Contract Division is committed to achieving a competitive, fair and transparent procurement process while ensuring quality and reliability.

**New** Sign up to automatically receive our procurements Notifications

subscribe



INDUSTRY AND  
FUSION LABORATORIES  
PORTAL

Sign In

ABOUT CALLS PARTNERS DATABASE ANNOUNCEMENTS CONTACT HELP

### F4E CALLS WORKSPACE

Search & register for calls

ITER Calls for nomination

Administrative procurement

Key Reference Documents

### LATEST CALLS

29 May 2019 - 27 June 2019

> [F4E-AMF-0914](#)  
Complementary Health Insurance services to Fusion for Energy Staff and their JSI

30 April 2019 - 31 May 2019

> [F4E-OPE-1005](#)  
Supply of BPM standard cables

### Welcome to the F4E Industry and Fusion Laboratories Portal

## Important!

As of 1 November 2018, all tenders to F4E must be submitted via the [E-submission tool](#).

Having your Company registered in the Partners Database is not sufficient to submit a tender. For doing so your Company must be registered in the E-submission tool at least 48 hours before the submission deadline of the tender.

For further information, please consult the following tutorials [Supplier registration](#) and [How to submit a tender?](#)

The **Partners Database**, previously known as Company Database, remains as your point of entry to be notified of upcoming business events and opportunities (market surveys, Information Days, business forums, etc.), to search potential associates for creating a consortium, and to guarantee your visibility when F4E is looking for potential candidates. We have also simplified the registration process to make it more user friendly. The Call for tender documentation can be found as usual on the F4E Industry and Fusion Laboratories Portal. Other aspects of the bidding process are unchanged. For further information on how to prepare a tender, please consult our tutorial on [How to prepare a tender for F4E?](#)

### ANNOUNCEMENTS

**BROADER APPROACH: [OPE-0962] Award of contract for Procurement of Spare Parts and On-site Support for the Operation of the Quench Protection Circuits of JT-60SA to NIDEC ASI S.p.a.** @  
by F4E Business Intelligence Group  
Please consult the attached award notice.

**BROADER APPROACH [OPE-1004]: AC Current Transformer the High Energy Beam Transport line awarded to Bergoz Instrumentation SAS** @  
by F4E Business Intelligence Group  
Please read the attached award notice

**BROADER APPROACH: [OPE-1013] Acquisition System for JT-60SA TF Coils - PLEASE SUBMIT YOUR INTEREST TO PARTICIPATE** @  
by F4E Business Intelligence Group

### PARTNERS DATABASE

Get an account

ILO National Initiatives

ILO Access

Intellectual Property



### LINKS

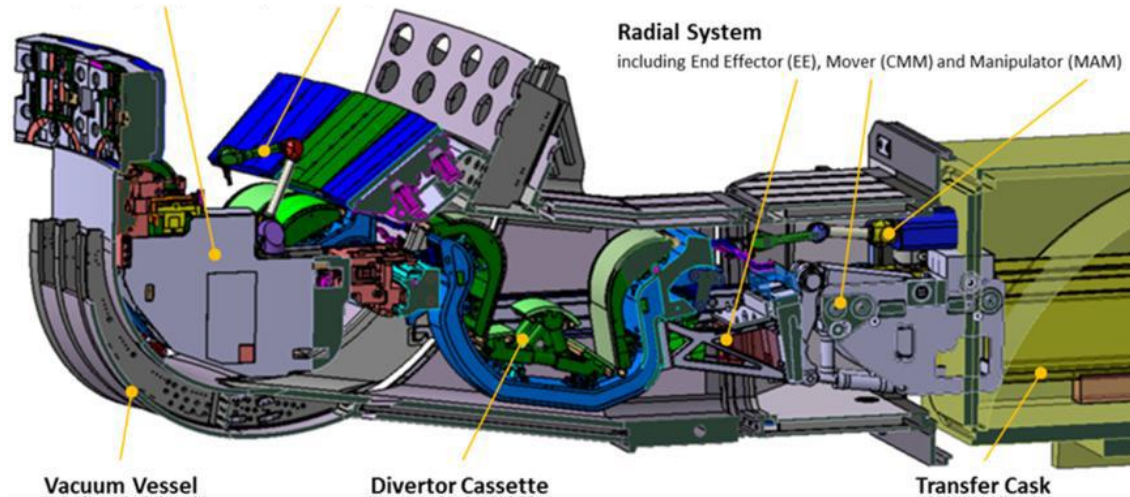
> [F4E](#)

> [ITER Organization CALL FOR TENDER page](#)

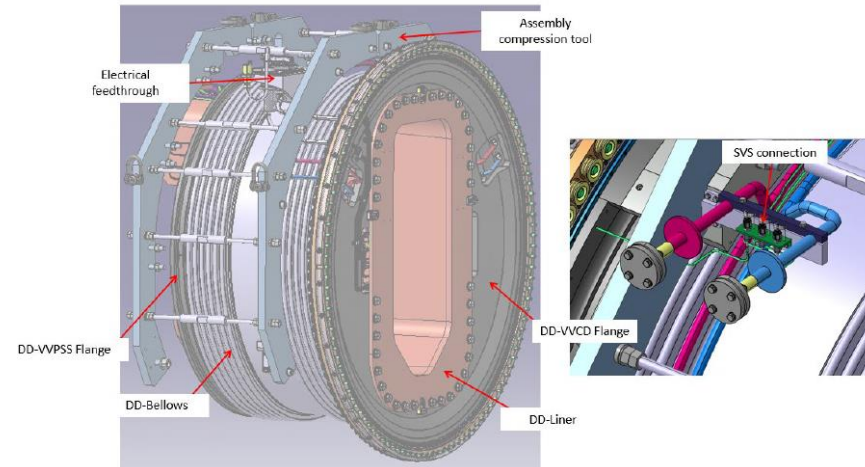
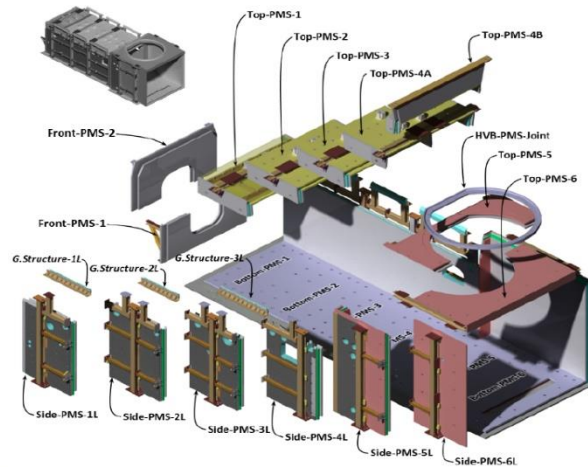
> [Euratom](#)

## Divertor Remote Handling System (DRHS)

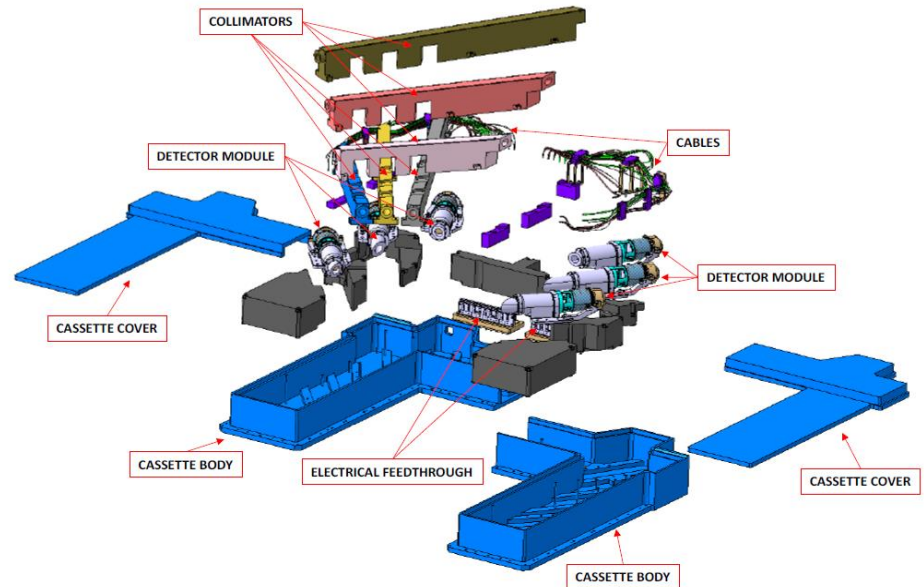
- OMF-1347 Final Design and Manufacturing of CTM, CMM and Tooling
- CFT Q3-2022



- **OPE-1XXY:** Active Correction and Compensation Coils of the Passive Magnetic Shielding – CFT Q4-2022
- **OPE-1XXY:** Passive Magnetic Shield (PMS) Steel Plate Material (800 tons)
- **OPE-1XXY:** Supply of Drift Duct – CFT Q1-2023
- **OPE-1203:** Neutral Beam Assembly Tooling – CFT Q2-2022



- **OFC-1183:** Manufacture, Assembly and Testing of EU Diagnostics Ports and Testing of EC Upper Launchers - CFT Q4-2022
- **OMF-1244:** Second Plasma Manufacturing of Diagnostic Components (RNC, CPTS, CXRS, Pressure gauges, Bolometers)





## OPE-1165: Supply of JT-60SA Normal Heat Flux Elements

**Deadline Eol: Tomorrow**

**Scope:** 36 Divertor modules, including

- ✓ 4500 machined graphite tiles (including spares)
- ✓ 432 CuCrZr or Cu/SS machined heat sinks with integral cooling channel(s)
- ✓ 36 sets of pipes and manifolds, 36 chevrons, 36 sets of SS support structures

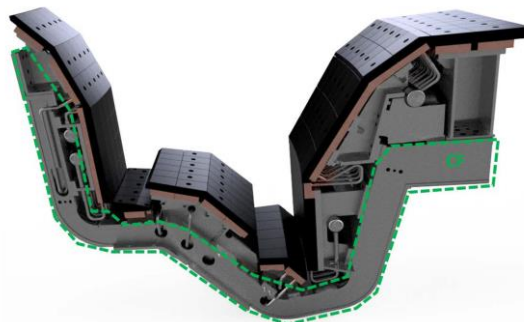


## OPE-1166: Supply of JT-60SA Cassette Bodies

CFT Q2-2022

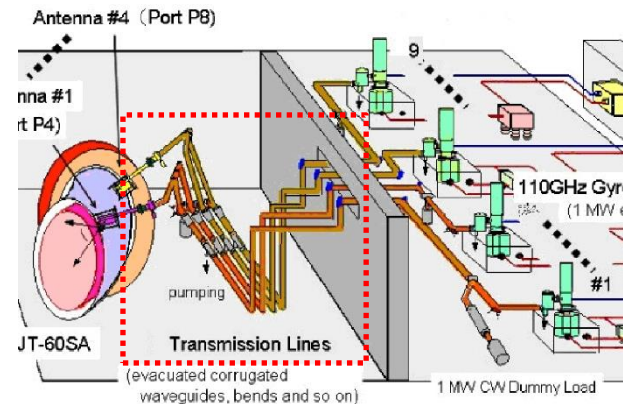
**Scope:** 36 Divertor modules, including

- ✓ 36 stainless steel cassette frames
- ✓ 36 sets of stainless steel pipes and manifolds (including bellows)



## OPE-1261: Supply of waveguides and miterbends for JT-60SA

CFT Q4-2022



TB24

Emergency power distribution system - supply and installation of IP Electrical Diesel Generators for buildings 59-60 – CFT Q4-2022

TB23

Building 14 services post First Plasma – CFT 2023/2024

TB17

Electrical Diesel Generators, Fuel Tanks and buildings 42, 43, 57-58 – CFT 2024/2025

AE Service  
Contract

Architect Engineering Contract for ITER Buildings and Civil Infrastructures – CFT 2024



- Very large project, comparable to Tokamak Complex
- Most important ITER system procured in the 2020s
- Scope distributed between IO and F4E

## *Work packages*

		Project Integrator	Remote Handling	Radwaste	Buildings Services	Construction Works					
						Civil structural	finishings	SS liner	Lifts & Cranes	Doors	
P H A S E S	Preliminary Design	IO			F4E		F4E				
	Construction/Final Design										
	Execution Design										
	Construction										

# F4E & IO working to identify optimal HCC design

## Objectives:

1. Clarify requirements
2. Design the Hot Cell with the optimum size for the needs and at acceptable cost
3. Agree with IO & other DAs on the scope for which F4E is responsible
4. Develop a procurement strategy

