



china eu india japan korea russia usa

Route de Vinon-sur-Verdon - CS 90 046 - 13067 St Paul Lez Durance Cedex - France

## SERVICE CONTRACT

For

### **Mechanical engineering support for DMS and diagnostics integration in Equatorial Ports #08 and #17**

CONTRACT NUMBER IO/20/CT/43xxxx

The ITER International Fusion Energy Organization, hereinafter referred to as "the ITER Organization", represented by the Director-General, who is represented for the purposes of the signature of this Contract by [name in full, function, department],

on one part,

and

[official name in full]

[official legal form]

[statutory registration number]

[official address in full]

[VAT registration number]

(hereinafter referred to as "the Contractor"), represented for the purposes of the signature of this Contract by [name in full and function,] *duly authorized to sign on behalf of the Company (or the members of the consortium).*

on the other part,

HAVE AGREED

the **Special Conditions** and the following Annexes:

- Annex I**      General Conditions for ITER Organization Service Contracts (“the General Conditions”)
- Annex II**     Technical Specifications ref 3FZTVW\_v1.1 (Call for Expertise ref IO/20/CFE/19212/JLE),
- Annex III**    Contractor's Offer (No [*complete*] of [*complete*])
- Annex IV**     ITER Organization Internal Regulations concerning work on site (applicable to a Contract or working at ITER)  
link <http://www.iter.org/org/team/adm/proc/generalinfo>
- Annex V**      Contract or Safety Management Procedure related to ITER  
link <http://www.iter.org/org/team/adm/proc/generalinfo>
- Annex VI**     Declaration of Background Intellectual Property
- Annex VII**    Template for Declaration of Generated Intellectual Property

which form an integral part of this Contract (hereinafter referred to as “the Contract”).

The terms set out in the Special Conditions shall take precedence over those in the other parts of the Contract. The hierarchy of documents shall follow the numbering of the Annexes. Thus the terms set out in the Annex I shall take precedence over those in Annexes II, III, etc...

Subject to the above, the documents forming part of the Contract are to be taken as mutually explanatory. Ambiguities or discrepancies within or between these documents shall be explained or rectified by a written instruction issued by the ITER Organization, subject to the rights of the Contract or under Article 33 of the Annex I should the Contractor dispute such instruction.

## **I – SPECIAL CONDITIONS**

### **ARTICLE I.1 - SUBJECT**

- I.1.1.** The subject of the Contract is the provision of service for mechanical engineering support for DMS and diagnostics integration in Equatorial Ports #08 and #17.
- I.1.2.** The Contractor shall execute the tasks assigned to him in accordance with the Technical Specifications and Contractor's offer annexed to the Contract (Annexes II and III respectively).

### **ARTICLE I.2 – DURATION, ENTRY INTO FORCE AND PERFORMANCE OF SERVICES**

- I.2.1.** The Contract shall enter into force on the date on which it is signed by the last contracting party. Provision of the services may under no circumstances begin before the date on which the Contract enters into force.
- I.2.2.** The services shall be delivered according to the schedule provided in Article I.5.2. The delivery dates provided in Article I.5.2 shall not be extended without a formal confirmation letter issued by the ITER Organization or written amendment. This extension shall not be considered as a waiver of liquidated damages unless so specifically mentioned in the extension.
- I.2.3.** All periods specified in the Contract are calculated in calendar days. The Provision of the services shall start from the date of entry into force of the Contract.

### **ARTICLE I.3 – VALIDITY**

Notwithstanding termination of the Contract, its provisions shall continue to bind the Parties in so far and for as long as may be necessary to give effect to their respective rights and obligations.

### **ARTICLE I.4 – CONTRACT PRICE**

- I.4.1** The *fixed lump-sum total amount* to be paid by the ITER Organization under the Contract shall be EUR [amount in figures and in words] excluding VAT, covering all services provided. The ITER Organization shall not accept liability for any expenditure beyond the aforementioned maximum amount.

### **ARTICLE I.5 – PAYMENT FORMALITIES AND PERIOD**

- I.5.1.** Payments shall be executed only if the Contractor has fulfilled his contractual obligations by the date on which the invoice is submitted by the Contractor to the ITER Organization.

The payment execution due date is thirty (30) days after receipt of a correctly rendered invoice and all necessary supporting documents. If the acceptance of a deliverable by the ITER Organization is a condition for payment, the 30 days due date starts after the ITER Organization has: (i) accepted the deliverable(s) and (ii) received a correctly rendered invoice.

In addition, for the final Payment, the following additional documents shall be provided:

- A certification issued by the Contractor and validated by the IO-CRO (as defined under Article I.7) of satisfactory delivery of all deliverables within the delivery dates foreseen under this Contract, completion of the Services and, whenever applicable, completion of other obligations to be fulfilled, in accordance with the stipulations of this Contract;
- Copies of supporting documents that may be required by the IO as evidence of satisfactory contractual performance; and
- Declaration of any intellectual property resulting from Services undertaken for the purpose of the Contract, or a formal declaration that no intellectual property has been generated, using the template provided in Annex VII to the present Contract. If applicable, such declaration shall be made on behalf of the industrial consortium and/or subcontractors.

**I.5.2.** The payment and delivery schedule is the following:

D#	Deliverable	Due date	Amount in EUR
D08-1	Update mechanical models of EP#08 ISS and PCSS considering recent input from DMS design. Discuss with IO RO and upload supporting description document in the IDM as per request. Implement in the EP#08 DSM recently developed common modular elements (bolted vertical plates, water cooling jumpers, thickness of the water boxes lids, etc). Assess possible impact on tenants integration, discuss it with tenants RO and agree it. Find a place at the closure plate and incorporate means for TSM. Integrate TSM feedthrough at the EP#08 closure plate.	T0* + 2 months	<i>to be added</i>
D08-2	Update mechanical models of EP#08 port plug and closure plate integrations considering recent input from DMS and diagnostic systems. Incorporate TSM in PPS design. Find a place for fibers routing in PP. Design fixation features for fibers in PP. Prepare presentation for EP#08 integration interface freezing meeting #1. Update EP#08 PP, closure plate, ISS and PCSS models considering latest DMS design. Prepare mechanical model of EP#08 for FDR level neutronics analysis. Discuss with neutronics expert at IO. Prepare DET.	T0 + 4 months	<i>to be added</i>
D17-1	Update mechanical models of EP#17 ISS and PCSS considering recent input from DMS and diagnostic systems. Discuss with IO RO and upload supporting description document in the IDM as per request. Implement in the EP#17 DSM recently developed common modular elements (bolted vertical plates, water cooling jumpers, thickness of	T0 + 6 months	<i>to be added</i>

	the water boxes lids, etc). Assess possible impact on tenants integration, discuss it with tenants RO and agree it. Find a place at the EP#17 closure plate and incorporate means for TSM. Integrate TSM feedthrough at the closure plate. Prepare presentation for EP#17 DIR meeting.		
D08-3	Update mechanical models of EP#08 DSM integration considering recent input from tenant systems. Prepare port integration presentation for EP#08 DIR meeting. Provide written updated sections for EP#08 DDD considering latest port systems design. Prepare mechanical model of EP#08 for FDR level thermal, electromagnetic and structural analysis. Prepare DET. Update EP#08 design following the results of structural analysis. Prepare presentation for EP#08 integration interface freezing meeting #2.	T0 + 8 months	<i>to be added</i>
D17-2	Update EP#17 PP, closure plate, ISS and PCSS models considering latest DMS design. Prepare mechanical model of EP#17 for PDR level neutronics analysis. Discuss with neutronics expert at IO. Prepare DET. Prepare mechanical model of EP#17 for PDR level structural analysis. Prepare DET. Update EP#17 design following the results of structural analysis. Prepare presentation on PP, closure plate, ISS and PCSS integration for the EP#17 PDR meeting.	T0 + 10 months	<i>to be added</i>
D08-4	Coordinate integration of DMS and tenant systems in the modular port infrastructure. Document minutes and actions in the IDM as appropriate. For the EP#08 FDR meeting, prepare presentation on PP, closure plate, ISS and PCSS integration. Provide EP#08 assembly plan. Update EP#08 models following the recommendations of the FDR panel. Prepare and follow up the CMAF for human access corridors in EP#08.	T0 + 12 months	<i>to be added</i>
	<b>Maximum Total Price (EUR)</b>		<i>To be added</i>

T0\* = the date of the kick-off meeting

**I.5.3.** The payment schedule is the following:

M#	Details	Due date	Amount in EUR
M1	Successful completion of D08-1	T0* + 3 months	<i>to be added</i>
M2	Successful completion of D08-2	T0 + 5 months	<i>to be added</i>
M3	Successful completion of D17-1	T0 + 7 months	<i>to be added</i>
M4	Successful completion of D08-3	T0 + 9 months	<i>to be added</i>
M5	Successful completion of D17-2	T0 + 11 months	<i>to be added</i>
M6	Successful completion of D08-4	T0 + 13 months	<i>to be added</i>
<b>Total</b>			<b><i>to be added</i></b>

T0\* = the date of the kick-off meeting

## **ARTICLE I.6 – BANK ACCOUNT**

Payments shall be made to the Contractor's bank account denominated in the Contract's currency, identified in the duly filled Financial Identification Form. The Financial Identification Form shall be provided by the ITER Organization in a timely manner.

It is the Contractor's obligation to return this form to the ITER Organization in a timely manner. No payments can be made until the ITER Organization is in possession of this document.

## **ARTICLE I.7 – GENERAL ADMINISTRATIVE PROVISIONS**

Any communication relating to the Contract shall be made in writing and shall bear the Contract reference. Ordinary mail shall be deemed to have been received by the ITER Organization on the date on which it is registered by the responsible Department indicated below.

Communications shall be sent to the following addresses:

### **a) ITER Organization:**

- i. Contract Responsible Officer (IO-CRO) / Technical Content  
ITER Organization  
*Name of Responsible Officer*  
Route de Vinon sur Verdon, CS 90 046, 13067 Saint Paul Lez Durance, France  
Email :  
Tel :
- ii. Contractual Content  
ITER Organization  
*Name of Procurement Officer*  
Procurement and Contracts Division / ESOC  
Route de Vinon sur Verdon, CS 90 046, 13067 Saint Paul Lez Durance, France  
Email :  
Tel :
- iii. Financial  
ITER Organization  
Finance and Budget Division / ATS  
Route de Vinon sur Verdon, CS 90 046, 13067, Saint Paul Lez Durance, France  
Email : accounting@iter.org  
Tel :

### **b) Contractor:**

- i. Contract Responsible Officer (IO-CRO) / Technical Content  
*Mr/Mrs/Ms [complete]*  
*[Function]*  
*[Company name]*  
*[Official address in full]*  
Email :  
Tel :

ii. Contractual Content

Mr/Mrs/Ms [complete]

[Function]

[Company name]

[Official address in full]

Email :

Tel :

iii. Financial

Mr/Mrs/Ms [complete]

[Function]

[Company name]

[Official address in full]

Email :

Tel:

## **ARTICLE I.8 – PRIVILEGES AND IMMUNITIES**

Nothing in or relating to this Contract shall be deemed a waiver, express or implied, of any of the privileges and immunities of the ITER Organization, its staff, experts and the representatives of the ITER Members.

## **ARTICLE I.9 – SAFETY AND SITE ACCESS**

**I.9.1.** The Contract or shall be responsible for the observance by himself, his employees and sub-contractors of all safety precautions necessary for their protection and the protection of any other persons, including all precautions required to be taken by or under or pursuant to any applicable legislation. For the avoidance of doubt this includes the ITER Organization Internal Regulations concerning Work, Health, Safety and Security for persons undertaking activities on the ITER Site (see Annex IV), the Contract or Safety Management Procedure related to ITER (see Annex V).

**I.9.2.** The Contractor shall adhere to the site access procedure when entering the ITER Site. The ITER Organization shall provide the Contract or with any necessary information and documentation for site access.

## **ARTICLE I.10 – OTHER SPECIAL CONDITIONS**

### ***STANDARD ARTICLES***

**I.10.1.** Article 8.2 of Annex I: The period of time in which to approve the report is **xx** calendar days

**I.10.2.** Article 2 of Annex I will be replaced as follows:

Article 2.1 The ITER Organization is governed by its constitutive agreements, the Agreement on the Establishment of the ITER International Fusion Energy Organization for

the Joint Implementation of the ITER Project and the Agreement on the Privileges and Immunities of the ITER Organization both signed on 21 November 2006.

Article 2.2 Without prejudice to the ITER Organization's status, the contract shall be governed in accordance with its true meaning and effect.

Subsidiarily, reference to French law shall be made for, and only for:

- (i) the interpretation of a contract provision when such provision is ambiguous or unclear, in which case, such interpretation shall only be made for said provision, and not in respect of the contract as a whole; or
- (ii) when specific provisions of French law are of overriding mandatory effect.

Article 2.3 The language used shall be English.

## SIGNATURES

For the Contractor,

[*Company name/forename/surname/function*]

For the ITER Organization,

Name

Function

Signature[s]: \_\_\_\_\_

Signature[s]: \_\_\_\_\_

Done at

Done at St. Paul Lez Durance,

Date

Date

In duplicate in English.

Original : ITER Procurement and Contracts Division