外部委託業者の募集

References: IO/24/OT/70001109/ERA

“IT Hardware and Related Services"

（IT ハードウェアと関連サービス）

IO 締め切り 2024 年 7 月 5 日(金)

〇はじめに

本事前情報通知（PIN）は、作業契約の入札授与および実行につながる公開入札調達プロセスの最初のステップです。

本文書の目的は作業範囲と入札プロセスに関する技術的な内容の基本的な要約を提供することです。

〇背景

ITER は平和利用の核融合発電の科学的および技術的な実現可能性の実証を目的とした、国際共同研究開発プロジェクトです。ITER 機構の 7 つのメンバーは、;欧州連合（EURATOM が代表）、日本、中華人民共和国、インド、大韓民国、ロシア連邦、および米国です。

ITER の敷地はフランス南東部のブーシュデュローヌ地区にあり、ITER 本社（HQ）もあるフランス CEA サン・ポール・レ・デュランス に近いところに位置しています。詳細については、ITER のウェブサイト http://www.iter.org を参照して下さい。

〇作業範囲

現在、ITER機構（以下、IOと呼ぶ）は、ITハードウェア（PC、サーバー、ストレージ、プリンター、ネットワーク、オーディオ/ビデオ製品）、ITソリューション、およびサービスを、製品メーカーとIOの間の流通チャネルを提供する付加価値リセラーを通じて調達しています。これらの契約では、選定された契約者が関与するさまざまなメーカーと高度に資格のあるパートナーシップ関係を維持することが求められています。

この公開入札の目的は、広範な情報技術ソリューション（ハードウェア、ソフトウェア、サービス、コンサルティング）の供給のための枠組み供給契約（1ロットごと）を締結することです。入札者は、セクターの主要ブランドからの幅広いソリューション（申請するロットについて）を提供できる必要があります。将来の契約者は、メーカーとIOの間の唯一のインターフェースを提供しなければなりません。

選定された契約者は、以下を含むハードウェア販売に関連する高品質のサービスを提供できる必要があります：

- プリセールスコンサルティング
- 構成最適化
- ハードウェアおよびソフトウェアのインストール
- 拡張保証

- 予防および応急処置メンテナンス
- モニタリングを含むサービスおよびSLA
- コンサルティング、開発、トレーニングなどのその他の付随サービス

業務範囲は、関連する業務命令の承認後に要求されるハードウェア、サービス、およびメンテナンスの供給にあります。

この調達手続きによる契約の総合的な目的は以下の通りです：

- 広範な製品群をカバーするITソリューションを効率的に取得すること
  - 新しいハードウェアとソフトウェア、その後のサービスとして)。
  - コンサルティングサービス（製品のインストールと構成、トレーニングを含む)。
  - 新たに取得した製品のメンテナンスサービスと既存のメンテナンスの引継ぎ。
  - 枠組み契約の発効前に使用されていた装置のアドオンやアップグレードの供給。
  - クラウドおよびオンサイトサービス。

- 新規取得および関連するサービスのための簡単な契約管理と管理（見積もり、注文、注文追跡、配送、報告など)。
- 高度にダイナミックなIT市場で「ベストオブブリード」システムの選択/購入を可能にする調達チャネル。
- 市場で利用可能な最も有利な価格を利用することで、ITERが利益を得ること。

<u>この公開入札は2つのロットに分けられています：</u>

- ロット1：ITハードウェア（例：ノートパソコン、デスクトップ、ワークステーション、サーバー)、消耗品（例：プリンタートナーおよびスペアパーツ)、IT関連のその他のアイテム（例：ノートパソコンバッグ）および関連サービス（例：保証、メンテナンス、コンサルティング）の供給で専門性が認められた1つの契約者を選定する。

- ロット2：IBMの特化されたハードウェアおよび高性能コンピューティング向けのサービス（例：ストレージ（ハードウェア、ソフトウェアおよび/またはストレージサービスとして)、バックアップ（ハードウェア、ソフトウェアおよび/またはバックアップサービスとして)、24時間365日サポートとモニタリング、オンサイトでの保証および延長保証サービス、メンテナンスおよびその他のサービス（インストール、移行、更新、開発、コンサルティングなど)）を提供する専門性が認められた1つの契約者を選定する。

詳細は技術仕様書「ITER_D_B9QP58 v1.0」（このPINに添付されています）を参照してください。

〇調達プロセスと目的

目的は、競争入札プロセスを通じて供給契約を落札することです。
この入札のために選択された調達手続きは公開入札手続きと呼ばれます。
オープン入札手順は、次の 4 つの主要なステップで構成されています。

- ステップ 1-事前情報通知（PIN）
  事前情報通知は公開入札プロセスの第一段階です。IO は、関心のある候補企業に対し、以下の概略日程に示された期日までに担当調達担当官に添付の関心表明フォームで以下の情報を提出し、競争プロセスへの関心を示すよう正式に要請します。

  特に注意:
  関心のある候補企業は、IO Ariba の電子調達ツール 「IPROC」 に登録してください（まだ登録していない場合）。手順については、
  https://www.iter.org/fr/proc/overview
  を参照してください。

  Ariba（IPROC）に登録する際には、お取引先様に最低 1 名の担当者の登録をお願いします。この連絡担当者は、提案依頼書の発行通知を受け取り、必要と思われる場合は入札書類を同僚に転送することができます。

- ステップ 2-入札への招待
  PIN の発行から 10 作業日経過後、提案依頼書（RFP）を 「IPROC」 に掲載します。この段階では、担当の調達担当者に関心を示し、かつ IPROC に登録している関心のある候補企業は、RFP が公表された旨の通知を受けることができます。その後、RFP に詳述されている入札説明書に従って提案書を作成し、提出します。

  このツールに登録されている企業のみが入札に招待されます。

- ステップ 3-入札評価プロセス
  入札者の提案は、IO の公平な評価委員会によって評価されます。入札者は、技術的範囲に沿って、かつ、RFP に記載された特定の基準に従って作業を実施するために、技術的遵守を証明する詳細を提供しなければなりません。

- ステップ 4-落札
  認定は、公開されている RFP に記載されている、コストに見合った最適な価格または技術的に準拠した最低価格に基づいて行われます。

〇概略日程

概略日程は以下の通りです：

マイルストーン	暫定日程

事前指示書（PIN）の発行	2024 年 6 月 19 日
関心表明フォームの提出	2024 年 7 月 5 日
iPROC での入札への招待（ITT）の発行	2024 年 7 月 12 日
明確化のための質問（もしあれば）の回答締め切り	2024 年 8 月 23 日
明確化のための質問に対する回答	2024 年 8 月 30 日
IPROC による入札提出	2024 年 9 月 13 日
契約評価と授与	2024 年 12 月
契約調印	2024 年 12 月
契約開始（タスクオーダーを通して）	2024 年 1 月

〇契約期間と実行

ITER機構は2024年の12月ごろ供給契約を授与する予定です。予想される契約期間は3年の固定期間に加えて1年のオプション期間が２つの予定です。

〇経験

入札者は、付属書 I に詳細に示されている様に、その知識と関連産業分野における経験と能力があることを示す必要があります。

ITER での使用言語は英語で、流暢でプロレベルが必要です（口頭、書面とも）。

〇候補

参加は、個人またはグループ/コンソーシアムに参加するすべての法人に開放されます。法人とは、法的権利及び義務を有し、ITER 加盟国内に設立された個人、企業又は機構をいいます。ITER 加盟国は欧州連合(EURATOM メンバー)、日本、中華人民共和国、インド共和国、大韓民国、ロシア連邦、アメリカ合衆国です。

法人は、単独で、またはコンソーシアムパートナーとして、同じ契約の複数の申請または入札に参加することはできません。共同事業体は、恒久的な、法的に確立されたグループ又は特定の入札手続のために非公式に構成されたグループとすることができます。

コンソーシアムのすべての構成員(すなわち、リーダーと他のすべてのメンバー)は、ITER 機構に対して連帯して責任を負います。

コンソーシアムとして許可されるために、その点で含まれる法人はコンソーシアムの各メンバーをまとめる権限をもつリーダーをもたなければなりません。このリーダーはコンソーシアムの各目メンバーのために責任を負わなければなりません。

指名されたコンソーシアムのリーダーは、入札段階で、コンソーシアムのメンバーの構成を説明する予定です。その後、候補者の構成は、いかなる変更も ITER 機構に通知することなく変更してはなり

ません。かかる認可の証拠は、すべてのコンソーシアムメンバーの法的に授権された署名者が署名した委任状の形式で、しかるべき時期に IO に提出しなければなりません。

どのコンソーシアムメンバーも IPROC に登録する必要があります。

既に技術仕様書 ref 番号 ITER_D_9GUSMN に記載の絶対バルブに関するフィージビリティを実施している全ての法人は本オープン入札プロセスに参加する資格はございません。

【※　詳しくは添付の英語版技術仕様書「**IT Hardware and Related Services**」をご参照ください。】
ITER 公式ウェブ　http://www.iter.org/org/team/adm/proc/overview からもアクセスが可能です。

「核融合エネルギー研究開発部門」の HP：　http://www.fusion.qst.go.jp/ITER/index.html
では ITER 機構からの各募集（IO 職員募集、IO 外部委託、IO エキスパート募集）を逐次更新しています。ぜひご確認ください。

イーター国際核融合エネルギー機構からの外部委託
に関心ある企業及び研究機関の募集について

＜ITER 機構から参加極へのレター＞

以下に、外部委託の概要と要求事項が示されています。参加極には、提案された業務に要求される能力を有し、入札すべきと考える企業及び研究機関の連絡先の情報を ITER 機構へ伝えることが求められています。このため、本研究・業務に関心を持たれる企業及び研究機関におかれましては、応募書類の提出要領にしたがって連絡先情報をご提出下さい。

china eu india japan korea russia usa
Route de Vinon-sur-Verdon - CS 90 046 - 13067 St Paul Lez Durance Cedex - France

PRIOR INDICATIVE NOTICE (PIN)

OPEN TENDER SUMMARY

IO/24/OT/70001109/ERA

for

IT Hardware and Related Services

Abstract

The purpose of this summary is to provide prior notification of the IOs intention to launch a competitive Open Tender process in the coming weeks. This summary provides some basic information about the ITER Organisation, the technical scope for this tender, and details of the tender process for the provision of the As-Built Digitalization Solution.

1 Introduction

This Prior Indicative Notice (PIN) is the first step of an Open Tender Procurement Process leading to the award and execution of one or two Framework Contract(s).
The purpose of this document is to provide a basic summary of the technical content in terms of the scope of work, and the tendering process.
The Domestic Agencies are invited to publish this information in advance of the forth-coming tender giving companies, institutions or other entities that are capable of providing these services prior notice of the tender details.

2 Background

The ITER project is an international research and development project jointly funded by its seven Members being, the European Union (represented by EURATOM), Japan, the People's Republic of China, India, the Republic of Korea, the Russian Federation and the USA. ITER is being constructed in Europe at St. Paul–Lez-Durance in southern France, which is also the location of the headquarters (HQ) of the ITER Organization (IO).

For a complete description of the ITER Project, covering both organizational and technical aspects of the Project, visit www.iter.org.

3 Scope of Work

Currently ITER Organization (hereinafter IO) acquires its IT hardware (PC, server, storage, printer, network, audio/video products), IT Solutions and Services via value-added resellers providing a distribution channel between the products manufacturers and IO. These contracts require the selected contractors to hold highly qualified partnership relations with the various manufacturers involved.
The purpose of this open call for tenders is to conclude a framework supply contract (per lot) for the supply of a wide range of Information Technology solutions (Hardware, Software, Services and Consultancy). The tenderers must be able to deliver the complete range of solutions (for the lot(s) for which they are applying) from the main brands in the sector. The future Contractors must provide a unique interface between the manufacturers and IO.
The selected Contractor(s) should be able to deliver high quality services related to the hardware selling including, but not limited to:

- Presales consultancy;
- Configuration optimization;
- Hardware and software installation;
- Extended warranty;
- Preventive and remedial maintenance;
- Services and SLAs including monitoring
- other incidental services such as consulting, development and training.

The scope of work consists in supplying the hardware, services and maintenance as requested in the relevant task orders upon acceptance of the corresponding commercial proposal.

The overall objectives of the Contract resulting from the present procurement procedure are as follows:

- Obtaining an efficient way to acquire IT solutions that cover a wide range of products, such as:
  - New Hardware and Software subsequently as-a-service.
  - Consultancy services (including installation and configuration of products and trainings).
  - Maintenance services for the new acquired products and take-over of the existing maintenances.
  - Supply of add-ons and upgrades to equipment already in use prior to the entry into force of the Framework Contract.

- Cloud and onsite services.

- Simple contract administration and management (quotation, ordering, order tracking, delivery, reporting, etc.), for new acquisitions and related services.
- An acquisition channel that allows the choice/purchase of "best-of-breed" systems in a highly dynamic IT market.
- ITER to benefit from the most advantageous prices available in the market.

This open tender is divided in two lots.

- **Lot 1**: to select one Contractor recognized for its expertise in the supply of IT hardware (e.g. laptop, desktop, workstation, servers), consumables (e.g. printer toner and spare parts), other items related to IT (e.g. laptop bag) and associated services (e.g. guarantee, maintenance, consultancy).

- **Lot 2:** to select one Contractor recognized for its expertise in the supply of IBM specialized hardware and services targeted high performance computing such as but not limited to: storage (hardware, software and / or storage as a service), backup (hardware, software and / or backup as services), 24/7 support and monitoring, warranty and extended warranty service performed onsite, maintenance and various other services (installation, migration, updates, development, consultancy, etc.).

The details can be found in the Technical Specifications ref. ITER_D_B9QP58 v1.0 (attached to this PIN).

4 Procurement Process & Objective

The objective is to award a Framework Contract(s) through a competitive bidding process.

The Procurement Procedure selected for this tender is called the Open Tender procedure.

The Open Tender procedure is comprised of the following four main steps:

- Step 1- Prior Indicative Notice (PIN):

  The Prior Indicative Notice is the first stage of the Open Tender process. The IO formally invites the Domestic Agencies to publish information about the forth coming tender in order to alert companies, institutions or other entities about the tender opportunity in advance. Interested tenderers are kindly requested to return the expression of interest form (Annex I) by e-mail by the date indicated in the procurement timetable below.

  Special attention:
  Interested tenderers are kindly requested to register in the IO Ariba e-procurement tool called "IPROC". The registration process is described at the following link: https://www.iter.org/fr/proc/overview.

  When registering in Ariba (IPROC), suppliers are kindly requested to nominate at least one contact person. This contact person will be receiving the notification of publication of the Request for Proposal and will then be able to forward the tender documents to colleagues if deemed necessary.

- Step 2 – Request for Proposal:

  The Request for Proposal will be sent in IPROC to the Tenderers who expressed their interests in accordance with the procurement timetable below. This stage allows interested bidders who have seen

the PIN to obtain the tender documents and to prepare and submit their proposals in accordance with the tender instructions.

Special attention:
Only companies registered in the IPROC tool will be invited to the tender.

- Step 3 – Tender Evaluation Process:

  Tenderers proposals will be evaluated by an impartial, professionally competent technical evaluation committee of the ITER Organization. Tenderers must provide details demonstrating their technical compliance to perform the work in line with the technical scope and in accordance with the particular criteria listed in the Request for Proposal (RFP).

- Step 4 – Contract award:

  A framework contract(s) will be awarded on the basis of Best Value for Money according to the evaluation criteria and methodology described in the Request for Proposal (RFP).

Procurement Timetable

The tentative timetable is as follows:

Milestone	Date
Publication of the Prior Indicative Notice (PIN)	19/06/2024
Submission of expression of interest form	05/07/2024
Request for Proposal (RFP) publishing on IPROC	12/07/2024
Clarification Questions (if any) and Answers	23/08/3024
Answers to Clarifications	30/08/3024
Tender Submission in IPROC	13/09/2024
Tender Evaluation & Contract(s) Award	December 2024
Contract Signature	December 2024
Contract Commencement (through Task Orders)	January 2025

5 Quality Assurance Requirements

Prior to commencement of any work under this Contract(s), a "Quality Plan" shall be produced by the Supplier and Subcontractors and submitted to the IO for approval, describing how they will implement the ITER Procurement Quality Requirements.

6 Contract Duration and Execution

The ITER Organization shall award a Framework Contract(s) around in December 2024. The estimated contract duration shall be 3 years with 2 optional periods of 1 year.

The working language of ITER is English, and a fluent professional level is required (spoken and written).

7 Experience and Capacity

The tenderer shall demonstrate their technical and industrial experience related to the scope of work as detailed in Annex I for the lot(s) for which they intend to provide a tender offer.

The working language of ITER is English, and a fluent professional level is required (spoken and written).

8 Candidature

Participation is open to all legal entities participating either individually or in a grouping/consortium. A legal entity is an individual, company, or organization that has legal rights and obligations and is established within an ITER Member State.

Legal entities cannot participate individually or as a consortium partner in more than one application or tender of the same contract. A consortium may be a permanent, legally-established grouping, or a grouping which has been constituted informally for a specific tender procedure. All members of a consortium (i.e. the leader and all other members) are jointly and severally liable to the ITER Organization.

In order for a consortium to be acceptable, the individual legal entities included therein shall have nominated a leader with authority to bind each member of the consortium, and this leader shall be authorised to incur liabilities and receive instructions for and on behalf of each member of the consortium.

It is expected that the designated consortium lead will explain the composition of the consortium members in a covering letter at the tendering stage. Following this, the Candidate's composition must not be modified without notifying the ITER Organization of any changes. Evidence of any such authorisation shall be submitted to the IO in due course in the form of a power of attorney signed by legally authorised signatories of all the consortium members.

9 Sub-contracting Rules

All sub-contractors who will be taken on by the Contractor shall be declared with the tender submission. Each sub-contractor will be required to complete and sign forms including technical and administrative information which shall be submitted to the IO by the tenderer as part of its tender.

The IO reserves the right to approve any sub-contractor which was not notified in the tender and request a copy of the sub-contracting agreement between the tenderer and its sub-contractor(s). For each Contract, sub-contracting is allowed but it is limited to one level, and its cumulated volume is limited to 30% of the total Contract value. Two levels of sub-contracting may be considered for very specific activities which will be mentioned by the IO in the Tender documentation.

IDM UID
B9QP58

VERSION CREATED ON / VERSION / STATUS
04 Jun 2024 / 1.0 / Approved

EXTERNAL REFERENCE / VERSION

Technical Specifications (In-Cash Procurement)

TECS_2024-06_CFT_IT HARDWARE 2024

TECS_2024-06_CFT_IT HARDWARE 2024

SUPPLY

Table of Contents

SUPPLY

SUPPLY

1 Preamble

This Technical Specification is to be read in combination with the General Management Specification for Service and Supply (GM3S) – Ref [1] that constitutes a full part of the technical requirements.

In case of conflict, the content of the Technical Specification supersedes the content of Ref [1].

2 Purpose

Currently ITER Organization (hereinafter IO) acquires its IT hardware (PC, server, storage, printer, network, audio/video products), IT Solutions and Services via value-added resellers providing a distribution channel between the products manufacturers and IO. These contracts require the selected contractors to hold highly qualified partnership relations with the various manufacturers involved.

The purpose of this open call for tenders is to conclude a framework supply contract (per lot) for the supply of a wide range of Information Technology solutions (Hardware, Software, Services and Consultancy). The tenderers must be able to deliver the complete range of solutions (for the lot(s) for which they are applying) from the main brands in the sector. The future Contractors must provide a unique interface between the manufacturers and IO.

The selected Contractor(s) should be able to deliver high quality services related to the hardware selling including, but not limited to:

- Presales consultancy;
- Configuration optimization;
- Hardware and software installation;
- Extended warranty;
- Preventive and remedial maintenance;
- Services and SLAs including monitoring
- other incidental services such as consulting, development and training.

3 Acronyms & Definitions

3.1 Acronyms

The following acronyms are the main one relevant to this document.

Abbreviation	Description
MTO	Material Take Off
CRO	Contract Responsible Officer
GM3S	General Management Specification for Service and Supply
IO	ITER Organization
PRO	Procurement Responsible Officer

3.2 Definitions

For a complete list of ITER abbreviations see: ITER Abbreviations (ITER_D_2MU6W5)

SUPPLY

4 Applicable Documents & Codes and standards

4.1 Applicable Documents

This is the responsibility of the Contractor to identify and request for any documents that would not have been transmitted by IO, including the below list of reference documents.

This Technical Specification takes precedence over the referenced documents. In case of conflicting information, this is the responsibility of the Contractor to seek clarification from IO.

Upon notification of any revision of the applicable document transmitted officially to the Contractor, the Contractor shall advise within 4 weeks of any impact on the execution of the contract. Without any response after this period, no impact will be considered.

Ref	Title	IDM Doc ID	Version
1	General Management Specification for Service and Supply (GM3S)	82MXQK	0.0

4.2 Applicable Codes and Standards

This is the responsibility of the Contractor to procure the relevant Codes and Standards applicable to that scope of work.

5 Scope of Work

The scope of work consists in supplying the hardware, services and maintenance as requested in the relevant task orders upon acceptance of the corresponding commercial proposal.

The overall objectives of the Contract resulting from the present procurement procedure are as follows:

- Obtaining an efficient way to acquire IT solutions that cover a wide range of products, such as:
  - New Hardware and Software subsequently as-a-service
  - Consultancy services (including installation and configuration of products and trainings);
  - Maintenance services for the new acquired products and take-over of the existing maintenances;
  - Supply of add-ons and upgrades to equipment already in use prior to the entry into force of the Framework Contract.
  - Cloud and onsite services
- Simple contract administration and management (quotation, ordering, order tracking, delivery, reporting, etc.), for new acquisitions and related services;

SUPPLY

- An acquisition channel that allows the choice/purchase of "best-of-breed" systems in a highly dynamic IT market;
- ITER to benefit from the most advantageous prices available in the market.

5.1 Lots

This tender is divided in two lots.

- **Lot 1**: to select one Contractor recognized for its expertise in the supply of IT hardware (e.g. laptop, desktop, workstation, servers), consumables (e.g. printer toner and spare parts), other items related to IT (e.g. laptop bag) and associated services (e.g. guarantee, maintenance, consultancy).
- **Lot 2:** to select one Contractor recognized for its expertise in the supply of IBM specialized hardware and services targeted high performance computing such as but not limited to: storage (hardware, software and / or storage as a service), backup (hardware, software and / or backup as services), 24/7 support and monitoring, warranty and extended warranty service performed onsite, maintenance and various other services (installation, migration, updates, development, consultancy, etc.).

5.1.1 Lot 1 Details:

5.1.1.1 IO Hardware current environment

ITER Organization already maintains an IT infrastructure including the equipment listed below (and other equipment not applicable to this tender). An example of equipment is provided for each product family:

Server side:

- Stand-alone servers:
  - HPE ProLiant DL360 Gen10+/11
  - HPE ProLiant DL380 Gen10+/11
  - HPE Apollo/Cray servers
- Data storage :
  - HPE MSA2050, MSA2052
  - HPE D3610, D3710
  - HPE StoreVirtual 3200
- PCoIP rack workstations:
  - DELL R7920
- NVMe Storage:
  - Intel SSD DC P4608 Series

- Intel Optane SSD DC P4800X Series

Client side:

- Laptops
  - Laptops: DELL Latitude 5440, Dell Precision 7670
- Screens
  - 24” LCD DELL screen with/without embedded docking station
- Internal HDD/SSD
  - SATA Solid State Drive Samsung SSD 860 EVO 500GB NVMe

5.1.1.2 Associated services scope of work

The IO expects the selected tenderer to be able to deliver the purchased hardware in IO headquarters (located in Cadarache, Alpes de Haute Provence, France)

The associated services are due in the same locations as the delivery.

The services include, but are not limited to, installation, configuration, extended warranty, maintenance, and other incidental services such as consulting - analysis and design - or training. These services may be acquired directly from the Contractor through this framework contract.

The support services include preventive and remedial maintenance, as well as moves, modification of equipment and software upgrades required to ensure that installed solutions can work effectively and within a homogeneous environment.

The maintenance services will also be used to maintain existing equipment of a brand offered by the contractor but purchased and installed via previous procurement procedures.

Consulting services may include the qualified, professional ability of the supplier to offer analysis, recommendations, or design expertise to ITER Organization relating to the applicable hardware and may include the ability to:

- Analyse existing technological environment, including hardware, software, and live operations for proactive actions.
- Develop functional and/or design specifications, technical writing and documentation in English.

In addition, IO asks the tenderer to provide a general discount based on a public published price list for: Dell, HP, SAMSUNG, IBM, NetApp, GN Netcom, Logitech, Microsoft (hardware only)

5.1.1.3 Estimated volumes (based on historical data)

The estimated volumes of procurement are the following:

- Laptop: ~500 units per year
- Screens: ~800 units per year

SUPPLY

- Servers: 20~50 units per year
- Storage: 300~500 TB per year in various systems (e.g. DAS, SAN, NAS)

These numbers are given for sizing and evaluation purpose. They do not represent a commitment.

The presented estimation is not a commitment from the part of ITER, it is only provided for information purposes.

5.1.1.4 Associated services scope of work

The services include, but are not limited to, installation, configuration, extended warranties, maintenance, and other incidental services such as consulting - analysis and design - or training. These services may be acquired directly from the supplier under this framework contract.

The support services include preventive and remedial maintenance, as well as relocation, modification of equipment and software upgrades required to ensure that installed solutions can function effectively and within a homogeneous environment.

5.1.1.4.1 Consulting Services

Consulting services may include the qualified, professional ability of the supplier to offer analysis, recommendations, or design expertise to ITER Organization relating to network and security hardware and software. Said expertise must include a current knowledge of the technology marketplace, related network and security issues and trends, and may include the ability to:

- Analyse existing technological environment, including hardware, software, and live operations for proactive actions,
- Design and develop new systems, add-ons or modifications to existing network and security systems, including single platform or distributed systems,
- Develop functional and/or design specifications, technical writing and documentation in English.

5.1.1.4.2 Consulting services for Corporate category products

The Contractor must be able to provide, when requested by ITER, technical consulting services for both Corporate and Channel (see chapter 6.2) Category products, with at least three different profiles: high level consultant, senior consultant and consultant, as described below.

a) <u>High-level Consultant</u>

The high-level consultant must possess the following skills, capabilities, and experience:

- University degree in computer science, mathematics, engineering, or physics.
- 7+ year experience managing the product(s) specified in the requested field of experience.
- Any relevant certification in the area is considered.
- A broad, enterprise-wide view of the business and varying degrees of appreciation for strategy, processes and capabilities, enabling technologies, and governance.

- The ability to recognize structural issues within the organization, functional interdependencies.
- The ability to apply architectural principles to business solutions.
- The ability to assimilate and correlate disconnected documentation and drawings and articulate their collective relevance to the organization and to high-priority business issues.
- Good understanding of ITIL practices.
- He/she shall have a very good written and oral command of English.
- Capability of integration in an international/multicultural environment, even if for short periods, rapid self-starting capability and experience in team working are mandatory.
- The ability to:
    - Design and coordinate effective installation of one or more of the specified products and properly configure hardware and software.
    - Plan and perform appropriate procedures, documentation, inventory assessment, and other procedures related to the product(s) management.
    - Monitor, analyse system components and make recommendations regarding system security, performance, disk, and other components utilization.
    - Design architectures and reviews existing architectures as part of the service life cycle, using performance benchmark data and/or manufacturers recommendations as inputs into choosing the appropriate hardware and/or software.
    - Determine business requirements and translate those requirements into the definition of a conceptual, logical, and physical model for the proposed new system or enhancements.
    - Work with a team to automate management tasks, streamline processes, and perform standard administration functions as needed.
    - Conduct software and hardware evaluations, provide technical analysis, and implement systems to meet ITER's IT goals.

b) <u>Senior Consultant</u>

The Senior consultant must possess the following skills, capabilities, and experience:

- University degree in computer science, mathematics, engineering, or physics.
- 5+ year experience managing the product(s) specified in the requested field of experience.
- Any relevant certification in the area is considered.
- Good understanding of ITIL practices.
- He/she shall have a very good written and oral command of English
- Capability of integration in an international/multicultural environment, even if for short periods, rapid self-starting capability and experience in team working are mandatory.
- The ability to:
    - Perform and coordinate effective installation of one or more of the specified products and properly configure hardware and software.
    - Administer the product operations, install new software releases (if applicable), perform upgrades, evaluate, and install patches and resolve software/hardware related problems (as applicable).

- Plan and perform appropriate procedures, documentation, inventory assessment, and other procedures related to the management of the product life cycle.
- Maintain, monitor, analyse system components and make recommendations regarding the security of the product(s), system performance, disk, and other components utilization (as applicable). Monitors product operations to track operating efficiency.
- Test and implement technical solutions and provide strong operational support on the product(s).
- Work with a team to automate management tasks, streamline processes, and perform standard administration functions as needed.
- Conduct software and hardware evaluations, provide technical analysis, and implement systems to meet ITER's IT goals.

c) Consultant

The Consultant must possess the following skills, capabilities, and experience:

- Secondary school diploma plus three (3) years of proven experience in the field.
- 3+ year experience managing the product(s) specified in the requested field of experience.
- Any relevant certification in the area is considered.
- Good understanding of ITIL practices.
- He/she shall have a very good written and oral command of English
- Capability of integration in an international/multicultural environment, even if for short periods, rapid self-starting capability and experience in team working are mandatory.
- The ability to:
  - Perform effective installation of one or more of the specified products and properly configure hardware and/or software.
  - Administer the product operations, install new software releases (if applicable), perform upgrades, evaluate and install patches and resolve software/hardware related problems (as applicable).
  - Evaluates adequacy of system hardware and software to meet present and future needs.
  - Monitors performance to track operating efficiency.
  - Work with a team to automate management tasks, streamline processes and perform standard administration functions as needed.

5.1.1.4.3 Maintenance Services

The Contract will also cover the maintenance of the equipment supplied, repairing or replacing the defective products.
The Maintenance Services can be purchased as part of an official price list (e.g. HP carepacks) or as a service supplied directly by the Contractor.

SUPPLY

The Contractor must be able to provide the Maintenance level required for each manufacturer, as described in Annex ??? "Manufacturers List".
Three maintenance services are requested in the call for tender:

a. **Basic maintenance** to exchange defective parts;

The Basic maintenance service covers an Advanced Replacement Service (=SWAP) for every hardware item supplied to ITER under the Contract.

The Basic Maintenance will operate as follows:

- The Contractor (or the Manufacturer) will keep a spare stock of hardware items.
- Whenever a hardware item becomes defective, ITER will inform the Contractor, who will arrange an appointment to deliver (**within five working days**) a replacement unit at the IT Service Desk.
- ITER will return the defective part to the Contractor.

The Basic Maintenance Services will provide ITER with a direct access to the Technical Support or Assistance Centres of the different manufacturers.

For software products, the basic maintenance covers the access to the Manufacturers' Service Desk to obtain software support and to download the latest upgrades. For some software products it may be necessary that ITER will have to order a software subscription.

The Contractor must provide a service desk with fluent English-speaking Staff during ITER's **Normal Working Hours (08.00 – 18-00).**

The transport cost (delivery and return of a defective part) is included in the basic maintenance service cost.

b. **Standard maintenance** for on-site support during the **Normal Working Hours (08.00 – 18.00).**

The Standard maintenance is a supplement of the Basic Maintenance and provides on-site maintenance **during the Normal Working Hours, 5 days a week, on site intervention next business day**.

The standard maintenance services also include the installation of regular updates of the system software in order to keep the devices up to date.

c. **Critical maintenance** for on-site support **24/7 on site intervention within 4 hours.**

The Critical Maintenance provides the same services as the Standard Maintenance increased with **critical incident resolution on site 24 hours per day, 7 days per week, on site intervention within 4 hours**.

Remarks:

- The guarantee for the products acquired via this tendering procedure is for a period of 2 years. During this guarantee period the Basic maintenance is free of charge. The guarantee period starts from the date of signature by ITER of the delivery slip or the installation report.
- For some manufacturers the definition of working hours can be different from the ITER's one (e.g. 09.00 – 17.00 instead of 08.00 – 18.00). If a Maintenance Service provided by the Manufacturer has a slightly different definition of working hours for the coverage of the Service itself, ITER reserves the right to purchase it or to ask the Contractor to provide a different solution.

5.1.1.5 Maintenance services associated to the equipment in use.

The Contractor must be able to take over the maintenance of the IT equipment already in use at ITER at the end of their guarantee period.

ITER may decide to transfer to the new Contractor the maintenance of products acquired under a previous contract and from the Manufacturers List. The maintenance of these products must be provided after the expiration of the current maintenance contract.

5.1.2 Lot 2 Details:

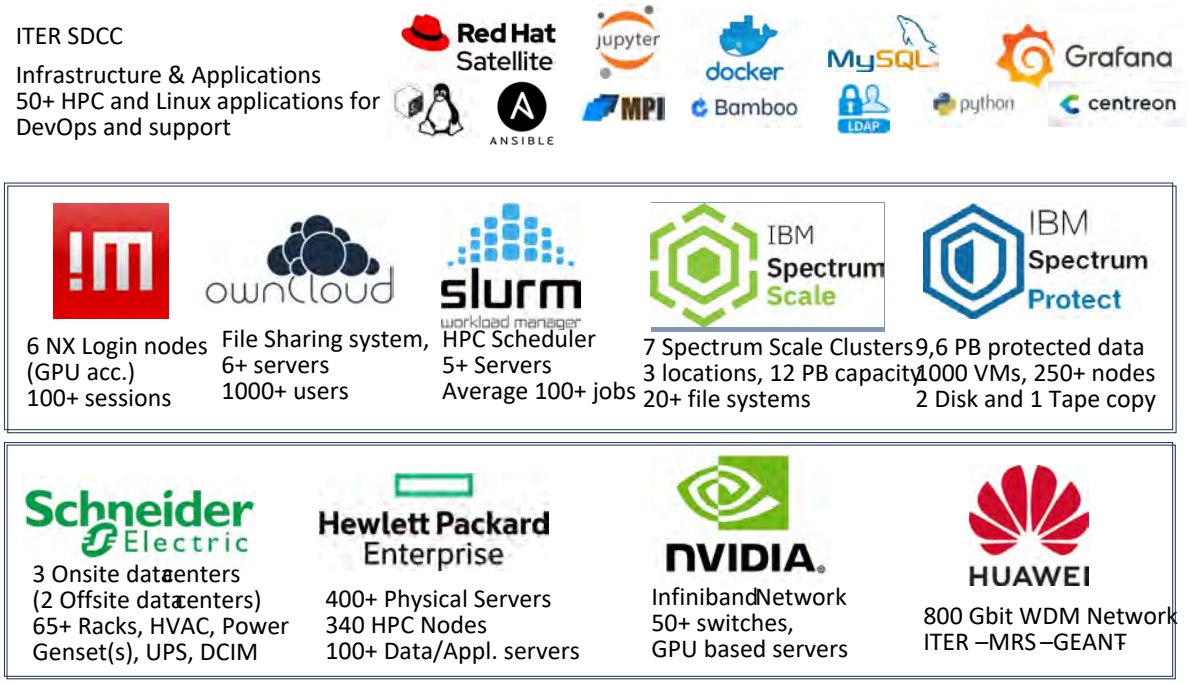
The ITER Scientific Data and Computing Center (SDCC) is at the forefront of managing systems related to science, including the storage and processing of all data produced by the project. The SDCC hosts multiple compute clusters for computation jobs in areas such as Neutronics, Physics Modelling, Simulations, and Analysis, featuring approximately 14,000 cores, with cloud bursting capabilities to Microsoft Azure and Google Cloud, and managing around 3 PB of data. Besides the scientific data the ITER SDCC also manages all ITER data backup onsite and remote replication and archiving.

5.1.2.1 Environment presentation

Currently, the SDCC leverages IBM Spectrum Scale Storage Systems on-site for HPC and SDCC prototyping applications, with data replication to an off-site data center for backup/DR/archiving via IBM Spectrum Protect. The new SDCC's facility is under construction and expected to be operational by Q4 2024, will initially boast 1 MW capacity and 48 racks, adhering to Tier 3 compliance (99.99%).

(Below illustrates the current SDCC setup including hardware and software.)

SUPPLY



The ITER SDCC is currently operated from a temporary data center at ITER until the new facility is constructed. Additionally, a data distribution centre is operational in Marseille at Interxion with 2*400 Gbit connectivity to ITER and connectivity to international research networks.

HPC Servers currently are mainly from HPE connected via both 10/25 Gbit Ethernet and 100 Gbit InfiniBand to the IBM Scale Storage systems (GPFS).

Remote connectivity to the cluster is handled via 6+ NoMachine login nodes with graphical RedHat 9X Gnome desktop environment including GPU acceleration for visualisation purposes.

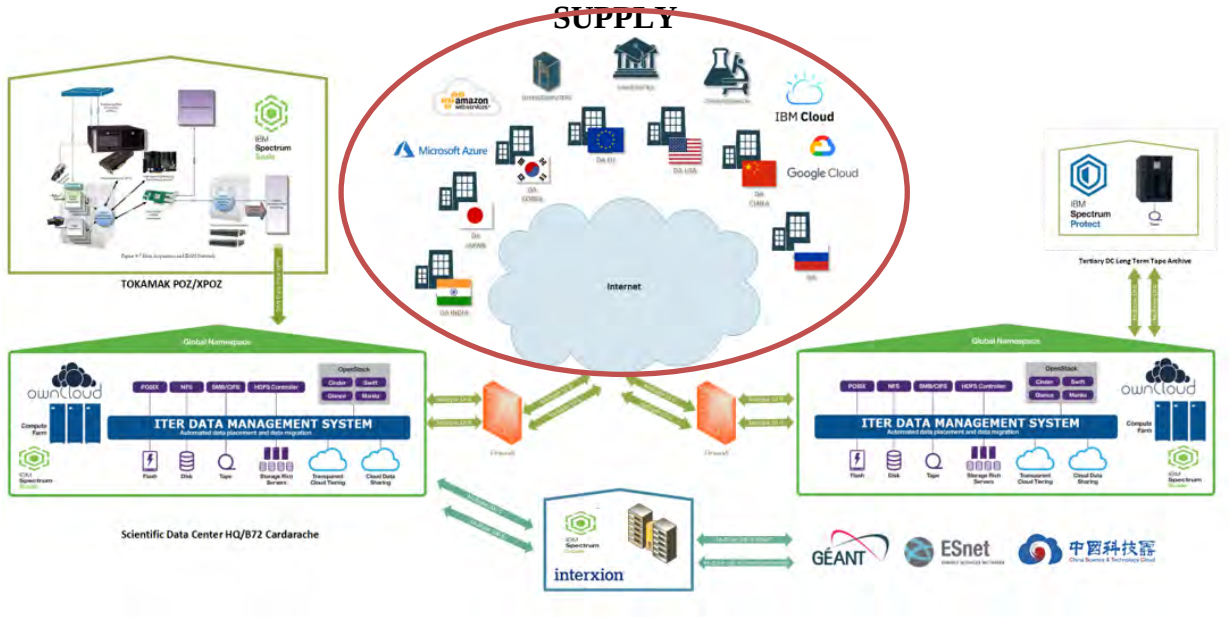
HPC jobs are scheduled via SLURM workload manager. In average the cluster handles 100+ concurrent jobs.

ITER has a strategy to consolidate it's Linux distributions on RedHat in 2024. All HPC nodes and servers are to be migrated from current CentOS 8 to RedHat 9X before end of 2024. Going forward only RedHat will be supported.

For updates, automation, and deployment ITER uses RedHat Satellite and Ansible playbooks.

There is a wide variety of backend application and services including DBs, monitoring, development tools etc.

(below illustrates the current and future top-level design of data flow and connectivity)



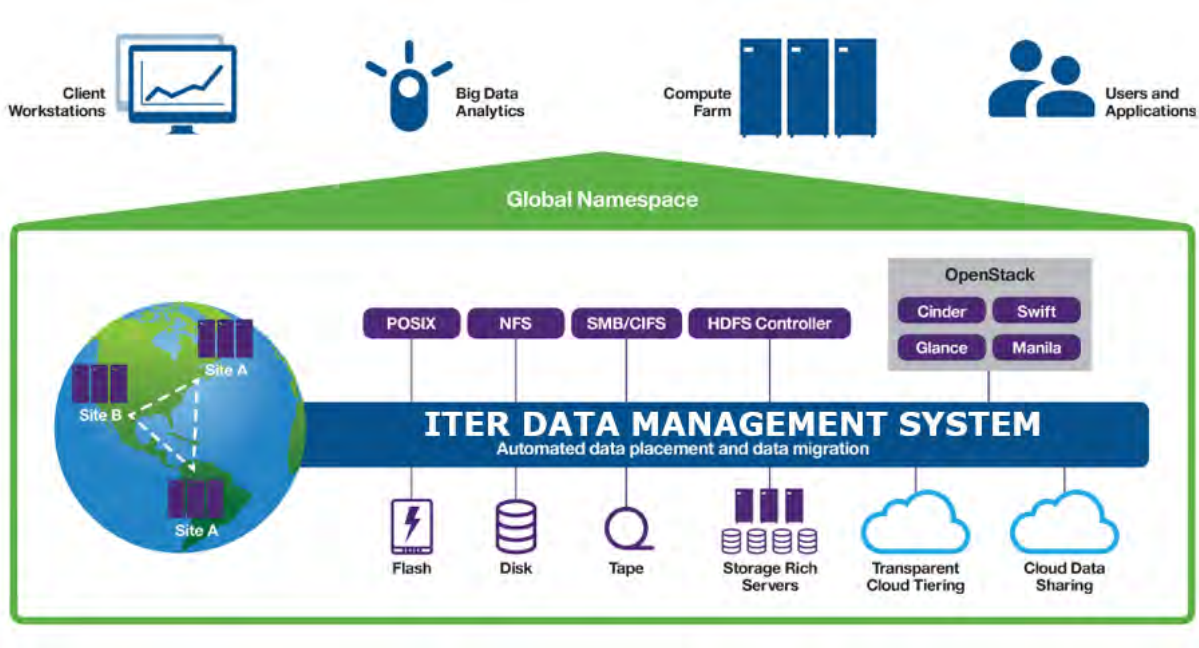
The top left in the illustrates the Tokamak of the experiment and the main control room where a temporary storage for all future data ingestion is planned. Data will flow in the vicinity of 50 GB/s and total future data production is estimated around 5 exabyte / 2.2 PB per day. This is not a part of this CFT, as the actual experiment is not scheduled to start before early 2030s. In the left bottom the SDCC is illustrated which is part of this CFT scope. The SDCC will store all data permanently in a hot state for online data analysis. External collaborators and partners can access the data via a distribution centre in Marseille or directly from ITER as remote participation.

The circled part in red illustrates the internet and external institutions which are not part of this CFT.

Storage systems and background

At the end of 2019 a new IBM Spectrum Scale storage system was installed for the HPC and SDCC prototyping applications with 1.5 PB capacity onsite and remote at a partner. As part of this contract an offsite DR replication and backup/archive was installed during 2020 replacing all existing backup systems at ITER IT (Microsoft DPM to disk/tape, RapidRecovery, FreeNas etc). In 2021 the capacity of the main systems onsite/remote was expanded with additional 1.5 PB. The system is currently delivered on a storage-as-a-service model including licenses, support, SLA, and maintenance.

SUPPLY



IBM Spectrum Scale has been in production since 2019, and the different technologies for data tiering, migration, archiving, replication etc has since been tested and implemented. The figure above illustrates some of the interfaces and functionality provided by the ITER IBM Spectrum Scale System.

The current IBM Spectrum Scale storage was implemented in late 2019 and expanded in 2021 and 2023. It currently consists of 2 X IBM V7000 Flash systems – each with 160 TB NVME capacity and 4 X IBM expansion enclosures with a total of 3 PB usable NL-SAS capacity. The maximum bandwidth of the current setup is approximately 16 GB/s.

SUPPLY

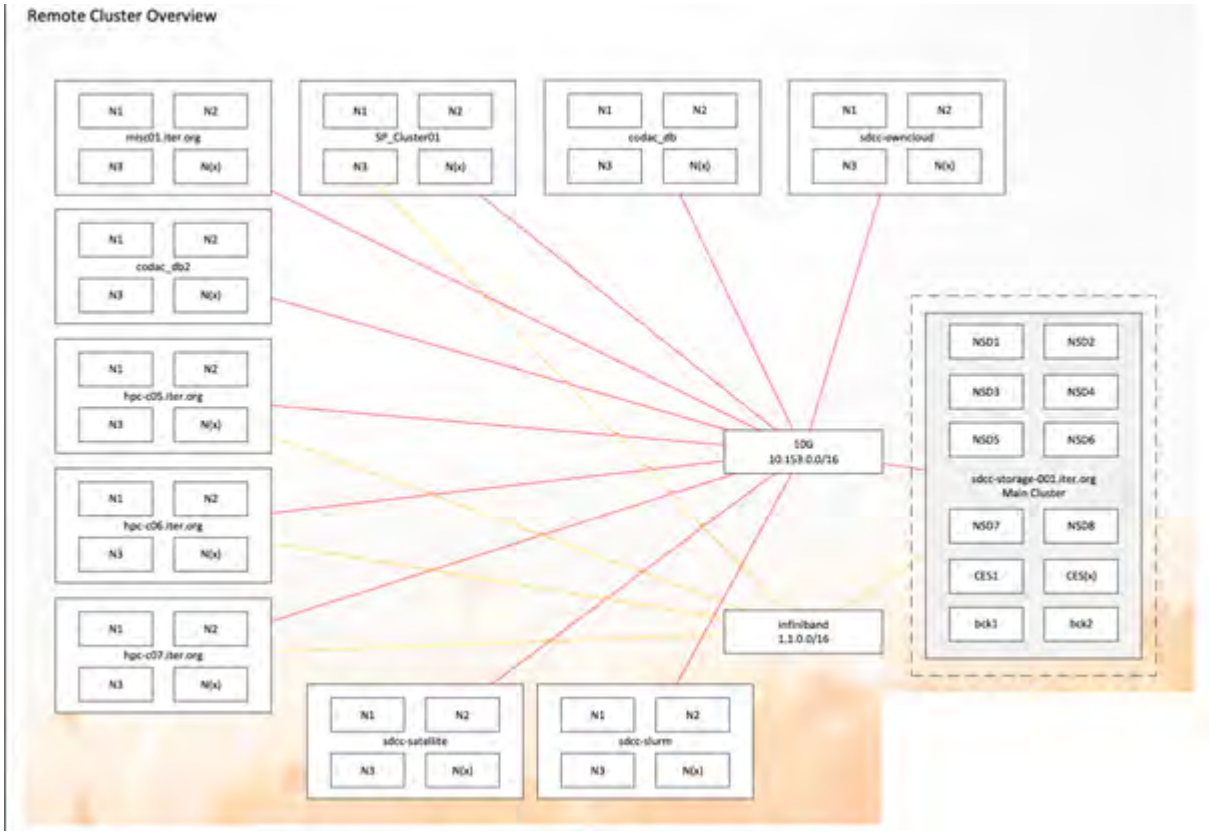
(current onsite and offsite IBM V7000 Setup)

The main operations are currently as a high-performance parallel filesystem for the ITER HPC, filesystem for ITER ownCloud, and additional minor systems as well as main onsite backup storage pool via IBM Spectrum Protect for all ITER IT systems (2023 = 1.5 PB deduplicated).

The system replicates a full copy of all stored data daily to a secondary IBM Spectrum Scale NL-SAS based system placed in an IBM partners primary data and further to a tertiary data center for long term tape archival and ransomware protection.

The current storage setup is divided in multiple Remote Clusters to isolate traffic and optimize security and availability. An error or failure in any Remote Cluster groups of clients minimizes impact on remaining Remote Cluster groups.

SUPPLY



The intended new base SDCC and HPC systems are based on the latest IBM ESS 3500 systems. This CFT includes future IBM ESS based systems and expansion as well as extended warranty, service, and support on existing systems.

Backup systems and services

The ITER backup systems is based on IBM Spectrum Protect delivered as-a-service on a capacity model including licenses, service, support, monitoring, and reporting. This CFT is requesting a similar model.

The backup and archive are handled by an IBM partner as-a-service and offloaded via 2*10 Gbit VPN connections.

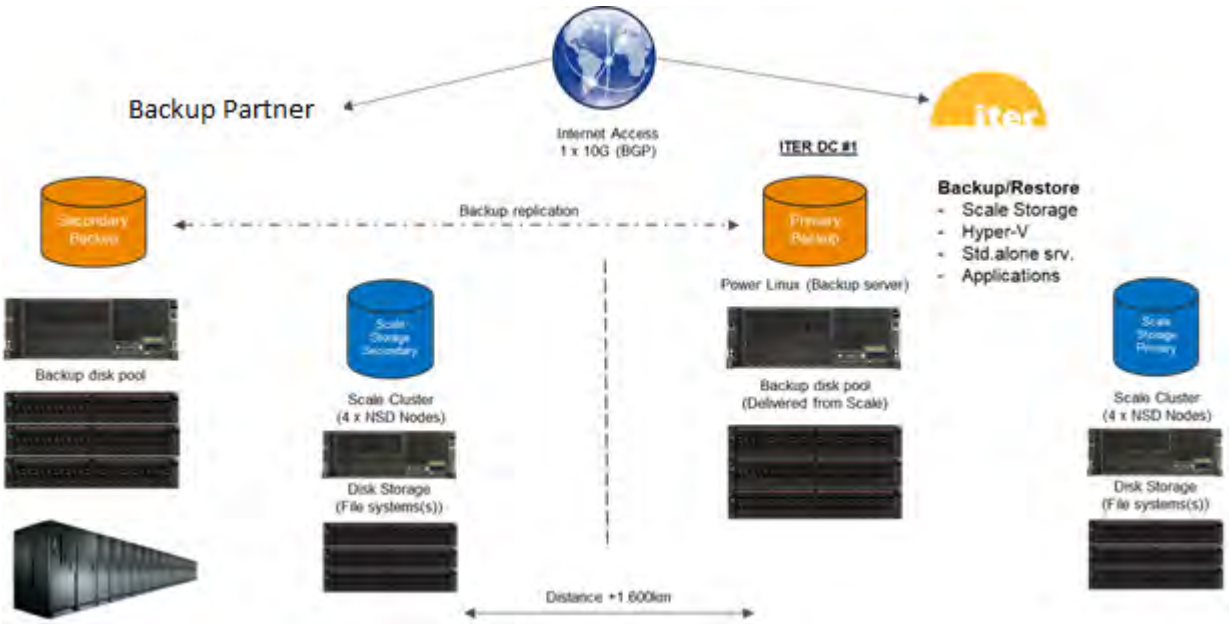
The setup includes an onsite and offsite disk-based copy based on the IBM V7000 capacity and 2 X 5 IBM Spectrum Protect Servers handling more than 300 physical (BA/TDP) nodes and 1000 VMs based on Hyper-V. For Spectrum Scale based systems backup is handled via the “mm backup” feature. A third copy is delivered on a capacity model as-a-service on tape in a separate remote data centre.

The total current (March 2024) reporting/logical capacity is approximately 10 PB of data, (1.5 physical after deduplication) and 3 PB of tape capacity after compression.

Reporting is done daily in separate groups to systems owners via e-mail, and an online portal is available for monitoring and management.

SUPPLY

(below illustrates the current backup setup)



These services are a part of the CFT. Migration effort to a new contractor and service provider is estimated to 1000 hours for ITER technicians. The provider has to estimate also migration/transfer cost to alternative systems.

5.1.2.2 Associated services and scope of work

The selected tenderer must ensure the delivery of hardware and/or services to ITER headquarters in Cadarache, Alpes de Haute Provence, France, and Interxion Marseille, France and provide associated services at the same locations. These services encompass installation, configuration, extended warranty, maintenance, and consulting - including analysis, design, and training - all obtainable through this framework contract.

Support services will include preventive and remedial maintenance, equipment and software modifications, and upgrades to maintain effective operations within a unified environment. Maintenance services will extend to equipment previously procured but from brands the contractor represents.

Consulting services should offer expertise in analysing the current technological setup, recommending enhancements, designing new systems or modifications, implementation, development and drafting technical specifications and documentation in English.

Development services are associated to the delivered systems and can include e.g. data transfer, data management and data archiving services.

The IO expects the selected tenderer to be able to deliver the systems in IO headquarters (located in Cadarache, Alpes de Haute Provence, France) or as-a-service (cloud), or in one of the ITER controlled data centres or co-location centres.

SUPPLY

The associated services are due in the same locations as the delivery.

5.1.2.3 Scope of hardware, software, and services

5.1.2.3.1 Hardware

- **IBM Hardware Storage Systems**
  - **Storage Scale System**
  - **Storage Fusion HCI System**
  - **Storage Flash System**
  - **External Storage (cloud) as-a-service on a capacity-based model (S3/GPFS/Tape)**

IO requests the tenderer to provide a general discount based on a public pricelist for IBM ESS 3500 Storage Scale systems fully populated with 15 TB NVME disks including capacity expansion shelves with 18 TB disks. This must be offered as-a-service with 24/7/365 Service Level Agreement 2-hour response time. The service provider must take responsibility for daily operations, monitoring, service, repair, updates/upgrades, and support to ITERs technical team for a 3-year period extendable up to 5 years on yearly basis. Yearly SLA and service extensions must be priced on a unit, system or capacity base and must include licenses and spare parts necessary to keep operation at 99.9% availability measured as a monthly average. The tenderer must assign a dedicated account and technical manager to the project and daily operation.

5.1.2.3.2 Software

- **IBM Software Storage Systems**
  - **Storage Fusion (and OpenShift services)**
  - **Storage Scale**
  - **Storage Protect & Archive (as-a-service on a capacity or license model)**
  - **Storage Ceph**
  - **Data Archive, Transfer and Replication software**

IO ask the tenderer to provide a general discount based on a public pricelist for a variety of the above-mentioned systems, software licenses and services. For Spectrum Protect the provider must offer the licenses and services as described and as a service/capacity model. Prices are to be quoted per TB usable capacity usage per month. For remote capacity the same applies for disk and tape usage.

5.1.2.3.3 Services

The Contractor shall provide onsite or remote service typically SMD (Same Business Day) for critical systems such as main HPC storage systems, SDCC storage systems and backup storage

systems ; or NBD (Next Business Day) for all the other systems. After notification from the IO of the need the standard services associated to the above-mentioned technologies may include if needed:

- **Onsite maintenance**
- **Onsite Spare parts replacement**
- **Onsite installation.**
- **Extended warranty services (break-and-fix, spare part supply etc.)**

The contractor shall provide offsite services 24/7 or on-demand such as:

- **Storage monitoring and support (1 hour response)**
- **Consulting services as design, implementation, and optimisations**
- **Onsite installation**
- **Development**
- **Training**

IO request the tendered to price consulting and development services per hour and in tranches of 100/200/500 hours including associated discount. Please quote the services as follows:

- **Senior IBM consultant per hour/tranches**
- **IBM technician per hour/tranches**
- **Linux administrator per hour/tranches**
- **Developer/scripter per hour/tranches**

In addition, IO asks the tenderer to provide a general discount based on a public published price list for:
IBM, Nvidia and Lenovo hardware:

- Nvidia EDR/HDR/NDR switches and cables
- Lenovo HPC servers, 2 X min. 20 core processors 2+ Ghz Intel, Infiniband HDR adapter 2 port, Ethernet 10/25 Gbit, 512 GB ram. 2 std. SSD boot drives.

5.1.2.4 Estimated volumes (based on historical data)

The estimated volumes of procurement are the following:

- Servers: 50~200 units per year (optional)
- Storage: 1-2 systems per year, 2-5 PB capacity per year growing 30% annually.
- Backup: IBM Spectrum Protect and Archive. 10 PB front-end, 3-5 PB tape archive, 300 BA/TDP licenses, 1000 VMs, management and monitoring system, reporting, support, and service.
- Nvidia Infiniband switches and cables: 10 switches per year, 100 cables (optical EDR).
- Consulting/development: 500-2000 hours per year.

5.2 Corporate and Channel categories (applicable individually to both lots)

The list of Manufacturers is divided in two categories:

- Corporate Category;
- Channel Category.

The Manufacturers List includes the list of manufacturers that need to be available via the contract. The Manufacturers List is split in 2 sections. There is a sub list of corporate brands covering the main hardware and software solutions currently installed and in use (or likely to be installed in the near future) at IO. Additionally, there is a second sub list of Channel brands that are relevant players in the market but that have a minor spread in ITER. However, in the light of the duration of the contract and the rapid evolution of the technology, ITER wants to reserve the right to buy products of the Channel brands.

The need of purchasing the specific brands detailed in the Manufacturers list is intended to ensure IO's business continuity and to avoid critical service disruptions.

5.2.1 Corporate category

The Corporate Category contains core products, heavily used in the current IT infrastructure to deliver IT services to ITER users, such as: PCs, Servers, storage and related options and spare parts. They include solutions from the main manufacturers relevant for IO.

The Manufacturers of the Corporate Category are listed in the Manufacturers List and for each manufacturer the tenderer will be requested to provide:

- the Official Price list of the Manufacturer.
- the proposed discount for each corporate product category valid for the whole duration of the Contract;
- the prices for the consultancy services (€/day) and installation services (in terms of percentage of acquisition price) in the Service Basket in the Financial Offer, to be used for the whole duration of the Contract.

In addition, the tenderer must be able to provide ITER with the level of Maintenance Services required in Annex 1 "Manufacturers List".

5.2.2 Channel category

The Manufacturers of the Channel Category are listed the Manufacturers List.

The tenderer must provide discount, one percentage for the products and a second one for the services (maintenance and consulting services).

In addition, the tenderer must be able to provide ITER with the level of Maintenance Services required. See Sections 11 and 12 for additional details about the maintenance services.

SUPPLY

5.2.3 Context

ITER has built, during the last 15 years, an IT environment based on standard and recognized technologies. The IT infrastructure is mainly based on high availability systems/components including redundancy for critical servers, virtualization, storage, disk and tape-based backup system. For security reasons, IO has a preference to provide IT hardware resources to every user (staff and external workers) connected on the IO internal network.

IO wants to continue to maintain, develop and improve the IT infrastructure by

- adding new hardware according to the needs
- maintaining the existing hardware configuration
- replacing or upgrading old technologies with new standards for:
    - better performances.
    - increased quality.
    - better reliability and manageability.
    - reduce the total cost of ownership.

5.2.4 Sizing

The IO IT give support to 3000 users over more than 25 buildings on the Saint-Paul Lez Durance site and 4500 remote users spread over the ITER project member's country.

Two datacentres have been implemented in the ITER campus and are hosting the technical infrastructure mainly composed by:

- 800 physical and 1000 virtual servers.
- 12+ petabytes of highly available storage (IBM Spectrum Scale, SAN, mirrored between buildings and DAS).
- 10.000 ports and full Wi-Fi coverage are provided by the network infrastructure.
- 50 meeting rooms fully interconnected for voice and videoconferencing.
- A complete telephony infrastructure (VOIP, PBX, mobile phones)

The selected providers must be able to deliver hardware to IO headquarters.

5.2.5 Acceptance Criteria

The hardware, maintenance and service delivered shall match the requirements contained in each purchase order.

5.2.6 Specific Requirements and conditions

The spoken and written language of all communications between the contractor and the IO will be English. Generally, all documentation deliverables, reports, minutes, drafts and other documents the contractor is expected to deliver must be written in English. Meetings will be conducted in English.

SUPPLY

The IO expects the Tenderer to be able to deliver the purchased hardware in IO headquarters or its logistic Contractor (located in Cadarache, Alpes d'Haute Provence, France)

The serial numbers of the delivered hardware have to be sent in an editable electronic format to the responsible officer at the same time as the invoice.

5.2.7 Contract Administration and Performance

To improve the technical quality of the offer, the tenderer may optionally propose an online portal for order/delivery tracking purposes.

5.2.8 Work Monitoring/Meeting Schedule

Follow up strategic meeting shall be conducted on a regular basis (at least once every 6 months).

Meetings at operational and tactical level shall be conducted more often depending on the needs of the parties.

5.2.9 Delivery Time

To be defined in each task order

5.3 Duration

This framework contract will be set up for 3 firm years + 2 optional years.

In relation to the rapid obsolescence of IT items subject of this procurement procedure, ITER is presenting a list of currently ordered hardware to give an idea of the level of performance and features required. ITER will be allowed to order different models than the one mentioned in the framework contract tech specs to follow the technological evolution.

6 Location for Scope of Work Execution

The work consists in supplying the hardware, services and maintenance as requested in the relevant task orders upon acceptance of the corresponding commercial proposal.

7 IO Documents & IO Free issue items

No input nor free issue item is expected from IO.

8 List of deliverables

The deliverables are the hardware, services and maintenance defined in the relevant task orders and according to the agreed commercial proposal.

9 Quality Assurance requirements

The organisation conducting these activities should have an ITER approved QA Program or an ISO 9001 accredited quality system.

SUPPLY

The general requirements are detailed in ITER Procurement Quality Requirements (ITER_D_22MFG4).

Prior to commencement of the task, a Quality Plan must be submitted for IO approval giving evidence of the above and describing the organisation for this task; the skill of workers involved in the study; any anticipated sub-contractors; and giving details of who will be the independent checker of the activities (see Procurement Requirements for Producing a Quality Plan (ITER_D_22MFMW)).

Documentation developed as the result of this task shall be retained by the performer of the task or the DA organization for a minimum of 5 years and then may be discarded at the direction of the IO. The use of computer software to perform a safety basis task activity such as analysis and/or modelling, etc. shall be reviewed and approved by the IO prior to its use, in accordance with Quality Assurance for ITER Safety Codes (ITER_D_258LKL)

10 Safety requirements

ITER is a Nuclear Facility identified in France by the number-INB-174 (“Installation Nucléaire de Base”).

For Protection Important Components and in particular Safety Important Class components (SIC), the French Nuclear Regulation must be observed, in application of the Article 14 of the ITER Agreement.

In such case the Suppliers and Subcontractors must be informed that:

- The Order 7th February 2012 applies to all the components important for the protection (PIC) and the activities important for the protection (PIA).
- The compliance with the INB-order must be demonstrated in the chain of external contractors.
- In application of article II.2.5.4 of the Order 7th February 2012, contracted activities for supervision purposes are also subject to a supervision done by the Nuclear Operator.

For the Protection Important Components, structures and systems of the nuclear facility, and Protection Important Activities the contractor shall ensure that a specific management system is implemented for his own activities and for the activities done by any Supplier and Subcontractor following the requirements of the Order 7th February 2012 [20].

11 CAD design requirements

This contract does not imply CAD activities.

12 Appendices

EXPRESSION OF INTEREST & PIN ACKNOWLEDGEMENT

To be returned by e-mail to: emilio.rondinella@iter.org copy kristel.jeanmart@iter.org

TENDER No.	**IO/24/OT/70001109/ERA**
DESIGNATION of SERVICES:	**IT Hardware and Related Services**
OFFICER IN CHARGE:	**Emilio Rondinella – Procurement Division ITER Organization**

☐ WE INTEND TO SUBMIT A TENDER

Signature:…….. COMPANY STAMP

Date……

Contact person(s)

Name: .....

Position: .....

Tel: .....

E-mail .....

Company information

Company Name……

Company Address……

(*) Consortium member(s)……

(*) Subcontractor(s)……

Website address……..

(*) if any