

EUROPEAN SPALLATION SOURCE

Agenda

ESS project

Supply, Procurement & Logistics (SPL) Division > Current and upcoming Procurement Needs and Opportunities

How to Participate in Procurement Processes

Collaborations and networks

Questions



ESS project



ESS Road to Science











STORE STREET

500

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- Alternation

No Treas



A coalition of 13 European countries

Host countries

Sweden, Denmark



Operations 15%

Budget for construction €1.84 billion Estimated annual budget €140 million

Non host member countries

Czech Republic, Estonia, France, Germany, Hungary, Italy, Norway, Poland, Spain, Switzerland, United Kingdom.

> Construction 52.5% (of which 70% is in-kind deliverables)

Operations 85%

ESS In-Kind Partners

Aarhus University Atomki - Institute for Nuclear Research Bergen University **CEA Saclay**, Paris Centre for Energy Research, Budapest Centre for Nuclear Research, Poland, (NCBJ) CNR, Rome CNRS Orsay, Paris Cockcroft Institute, Daresbury Flettra – Sincrotrone Trieste ESS Bilbao Forschungszentrum Jülich Helmholtz-Zentrum Geesthacht Huddersfield University IFJ PAN, Krakow INFN, Catania INFN, Legnaro INFN, Milan Institute for Energy Research (IFE)





ISIS - Rutherford-Appleton Laboratory, Oxford Laboratoire Léon Brilouin (LLB) Lund University Nuclear Physics Institute of the ASCR Oslo University Paul Scherrer Institute (PSI) Polish Electronic Group (PEG) Roskilde University Tallinn Technical University Technical University of Denmark (DTU) Technical University Munich (TUM) Science and Technology Facilities Council University of Copenhagen (KU) University of Tartu Uppsala University Wigner Research Centre for Physics Wroclaw University of Technology Warsaw University of Technology Zurich University of Applied Sciences (ZHAW)

How does it work?

ess



Accelerator



All cryomodules required for the Beam on Target milestones are now in place in the accelerator tunnel

27 cryomodules nicely lined up.

Target - The heart of ESS

ess

The target when
delivered by the

• Build for 40 yea



Scientific Instruments





SKADI BEER MAGIC FREIA HEIMDAL T-REX CSPEC MIRAKLES VESPA

Supply, Procurement & Logistics (SPL) Division

What is Procurement? Focus on Procurement Targets **Spend Police** Durying Stuff Regime Staff Rig Savings 555 Protection through What People Believe What Procurement Incredible Communication Protecting the bottom line Really is Storytelling to align Site breakers **Extracting contract value Reality creators** More than savings Sustainable savings **Nisk Reduction** Strategic sourcing Focused on a segment of suppliers **Performance Management** that make a huge impact **Connecting the data** Experimental with tech **Knowledge Hanagement** Data led **Tech-driven process** Human & Tech driven 40 UT 11

Upcoming expenditures



Row Labels	Value (kr) No. of	Packages
Accelerator	147 000 000 kr	13
B&F	10 050 000 kr	7
ICS	10 929 154 kr	2
NSS	103 785 343 kr	74
OMD	112 353 123 kr	21
Science	137 709 975 kr	32
Target	149 210 513 kr	
Grand Total	671 038 108 kr	

SPL division

Resources

- 11 professionals managing both high-value and low-value procurements, alongside our Head of Procurement
- 2 legal experts who assist us with contract negotiations and agreements.
- Additionally, the Logistics team comprises 11 members





SPL Division

What do we procure

Everything!

- Main commodities and services:
 - Technical consultants i.e. engineers in various disciplies
 - IT Consultants for development and integration
 - Installation related services (time + material) for electrical and mechanical work
 - Different types of shielding structures and elements
 - High-power klystrons and modulators
 - All types of services and supplies for the facility



SPL Division

ESS-ERIC Procurement Rules

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ESS procurements are governed by the European Spallation Source ERIC procurement rules

- To explain how ESS-ERIC conducts procurement
- Apply to all procurement from ESS cash budget
- Principles and objectives
- Following the EU treaty principles of:
 - Transparency, non-discrimination and competition
- Promoting the objectives of:
 - **Value for money**, publicity, integrity, innovation, sustainability

Providing a process for appeal, internal process that protects ESS from court proceedings

Overview of Procurement Procedures



Value Threshold	Publication	Procurement Procedure	Minimum Timing	Variations in Timing	Standstill Period
>200.000 EUR Pr O SL	Publication on ESS website. Other media depending on subject matter and value.	Open procedure	30 days	(+) 5 days if not available by internet	10 days
		Restricted procedure	30 days + 30 days	(-) 3 days if receipt of tenders	
		Competitive procedure with negotiation, with or without initial tender	30 days	electronically (-) 10 days if SAN published 30 days – 12 months in advance	
50.000 - 200.000 EUR	Optional on ESS website.	Request for Quotation with the involvement of ILOs	-	-	-
25.000 – 50.000 EUR	Optional on ESS website.	Request for Quotation on website (optional) or directly to minimum 3 suppliers			
< 25.000 EUR	-	Request for Quotation or price comparison with limited competition			-
< 300 EUR	-	Established ESS shop accounts for immediate needs			-

Upcoming procurement opportunities



- Service Contracts:
 - maintenance, construction, (technical services and consultancy) assignments
- Material and Equipment Procurement:
 - critical components, spare parts and raw materials
- Framework Agreements:
 - Recurring needs, to create stability for both ESS and suppliers
- Specialized Procurement:
 - Need for specific technologies or expertise for research purposes

How to Participate in Procurement Processes



Procurement listings – ESS homepage



EUROPEAN SPALLATION About E	ESS Science & Instruments Technology Building	ESS Partnerships Career	⁷⁵	
< DOING BUSINESS WITH ESS	Home > Partnerships > Doing b	usiness with ESS > Procurement I	Listings	
upplier Information	Drocuron	oont Licti	ngc	
rocurement Listings	FIUCULEI		ligs	
ontract Award Notices				
	Ongoing Procurements		Forthcoming Procu	
	Framework Agreement This Framework Agreement of rigging, and installation of eq Spallation Source (ESS) facilit ESS internal rigging team to e The scope of this agreement * Heavy transport services * Provision and operation of o * Supply of rigg	Framework Agreement for Lifting and Rigging Services of This Framework Agreement outlines the services required for the handling, moving, lifting, rigging, and installation of equipment and/or systems to be installed at the European Spallation Source (ESS) facilities. The agreement is established in close cooperation with the ESS internal rigging team to ensure alignment and safety throughout the process. The scope of this agreement includes, but is not limited to: * Heavy transport services * Provision and operation of cranes * Supply of rigg		

Expected publication date: November 19, 2024

ement Listings



Forthcoming Procurements

More information

E-Procurement Tool - Kommers

- Used for publishing information, sharing documentation, managing communications and receiving proposals
- Interested suppliers can register and maintain a business profile in the tool







The European Spallation Source ERIC Procurement Rules apply to all contracts for the provision of goods, works and services, concluded in writing between ESS and third parties and financed by the ESS budget.

Communication



- Communication during a procurement procedure must be done through the ESS supplier portal.
- Failure to adhere to this requirement may result in exclusion from the competition. I.e writing email directly to the technical officers

Questions and answers < >

Here you can answer questions. The answers will be published to Kommers Annons when you click save, however only the questions marked with Publish the notice for the changes to go through. If you want to answer only to the person who submitted the question click on the email address and sen a poral

Asked by		¥
Draft	Yes	•
Publish	Yes	T
Do not publish	No	۲

No Question and answer

4 Information from the Procurement officer

Svar "The differences between European and Swedish electrical standards are minor and relate to Swedish installations (as described in SS4364000) are explained in the ESS document supplied with the tender specification (ESS-2491063 High Level Electrical Requirements for Neutron Instrument H important that the supplier commits to conformity with the Swedish standards but the detail can be clarified at PDR."

3 "Is the cooling water provided by the infrastructure (so heat exchanger shall be adopted for the hutch air conditioning system) or shall the hutch air cor based on a common electric powered unit?"

"Cooling water will provided by ECC and can be used for the butch air conditioning, bewaver complians are free to

Guidelines for Suppliers



https://europeanspallationsource.se/procurement#guidelines-suppliers

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Pro	curer	nent	Rules
	carci		i.u.co

Guidelines for Suppliers

Business Profiles

The European Spallation Source ERIC Procurement team has prepared guidelines for our suppliers on our procurement process.

These guidelines are available to suppliers and potential suppliers to ESS to advise and provide clarity on aspects of the procurement process. The guidelines focus on practical issues related to implementation of European Spallation Source ERIC Procurement Rules. This document [ESS-0064113] may be updated from time-to-time.



Collaborations and networks







• ESS ILO Network

• Big Sciene Business Forum

• EIRO Forum Procurement Working Group

Questions?



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