

679552-2026 - Licitación

Noruega – Simuladores de puente de buque – Navigation simulators for Nord-Troms and Senja sixth form colleges

OJ S 191/2026 02/10/2026

Anuncio de contrato o de concesión. Régimen normal

Suministros

1. Comprador

1.1. Comprador

Denominación oficial: Troms Fylkeskommune

Correo electrónico: postmottak@tromsfylke.no

Naturaleza jurídica del comprador: Organismo de Derecho público bajo el control de una autoridad regional

Actividad del poder adjudicador: Servicios públicos generales

2. Procedimiento

2.1. Procedimiento

Título: Navigation simulators for Nord-Troms and Senja sixth form colleges

Descripción: Background Troms County shall upgrade the navigation simulators at Nord-Troms sixth form college, skjervøy school and Senja sixth form college, Department Gibostad. The procurement will be carried out to ensure modern, stable and future orientated simulator systems that support maritime training in accordance with the current requirements and needs of teaching. The current simulator park consists of equipment from different generations, with parts of the system being from 2014-2015. This leads to challenges connected to compatibility, operation, maintenance and support. The county therefore needs a more comprehensive system with more favourable functionality, simple administration and better interaction between the systems at the two school places. The simulators shall be used in training within navigation, vessel manoeuvring, radio communication, interaction and situation comprehension. The system shall support both the continuation of existing courses and the development of new training offers, and it shall be able to be used in teaching several certificate courses as well as by external users. It is therefore important that the system provides realistic training possibilities, high educational value and good user friendliness for both pupils, teachers and instructors. Description of the assignment The contract is for the delivery, installation and commissioning of complete navigation simulators for both school places. The delivery shall include simulator stations for pupils and instructors, the necessary hardware and software, the accompanying licences, cabling, integration with relevant existing equipment and adapted furnishing. The delivery shall be complete and ready for use when taking over. The system shall facilitate realistic training in navigation, manoeuvring, GMDSS communication, interaction between vessels and exercises across disciplines. The simulators shall be able to be controlled together from the instructor station, support joint scenarios and give good possibilities for real time management, recording, documentation and evaluation of exercises. Flexibility is also wanted for future expansions and integrations, including an option for a fishing module. The assignment includes further training in use and operation, documentation, proposals for a room system and any infrastructure requirements, as well as a service and maintenance agreement with support and access to spare parts. The system shall contribute to safe and efficient operation over time, with emphasis on user friendliness, central

administration, upgradability and interaction between the simulator installations at the two schools.

Identificador del procedimiento: 7aa67748-09c8-4c80-b7dc-4c788848bd43

Identificador interno: cmq6db3va000004lb3wxi2sei

Tipo de procedimiento: Abierto

El procedimiento está acelerado: no

Principales características del procedimiento: All interested suppliers can submit tender offers through Hyyr. The competition does not have a prequalification phase. The tenders will be evaluated directly, and dialogues or negotiations will not be allowed beyond minor clarifications and corrections of the tenders. Tenderers are strongly encouraged to follow the instructions given in this tender documentation with annexes and possibly ask questions about uncertainties in the communication module in Hyyr.

2.1.1. Finalidad

Naturaleza del contrato: Suministros

Clasificación principal (cpv): 34931400 Simuladores de puente de buque

Clasificación adicional (cpv): 48190000 Paquetes de software educativo, 34931000 Equipo portuario, 80210000 Servicios de enseñanza secundaria técnica y profesional, 30231320

Monitores de pantalla táctil, 34152000 Simuladores de entrenamiento, 48822000 Servidores de ordenador, 38112100 Sistemas de navegación y posicionamiento globales (GPS o

equivalentes), 48000000 Paquetes de software y sistemas de información, 30231000

Pantallas de ordenador y consolas, 39100000 Mobiliario, 38110000 Instrumentos de

navegación, 34150000 Simuladores, 34930000 Equipo marino, 39162100 Material pedagógico

2.1.2. Lugar de ejecución

Dirección postal: Postboks 6600

Localidad: Tromsø

Código postal: 9296

Subdivisión del país (NUTS): Troms/Romsa/Tromssa (NO072)

País: Noruega

Información complementaria: Nord-Troms sixth form college, skjervøy school and Senja sixth form college, department Gibostad.

2.1.3. Valor

Valor estimado, IVA excluido: 7 600 000,00 NOK

2.1.4. Información general

Base jurídica:

Directiva 2014/24/UE

Anskaffelsesforskriften -

2.1.6. Motivos de exclusión

Fuentes de los motivos de exclusión: Documento de contratación, Documento de contratación

5. Lote

5.1. Lote: LOT-0001

Título: Navigation simulators for Nord-Troms and Senja sixth form colleges

Descripción: Background Troms County shall upgrade the navigation simulators at Nord-Troms sixth form college, skjervøy school and Senja sixth form college, Department Gibostad.

The procurement will be carried out to ensure modern, stable and future orientated simulator systems that support maritime training in accordance with the current requirements and needs

of teaching. The current simulator park consists of equipment from different generations, with parts of the system being from 2014-2015. This leads to challenges connected to compatibility, operation, maintenance and support. The county therefore needs a more comprehensive system with more favourable functionality, simple administration and better interaction between the systems at the two school places. The simulators shall be used in training within navigation, vessel manoeuvring, radio communication, interaction and situation comprehension. The system shall support both the continuation of existing courses and the development of new training offers, and it shall be able to be used in teaching several certificate courses as well as by external users. It is therefore important that the system provides realistic training possibilities, high educational value and good user friendliness for both pupils, teachers and instructors. Description of the assignment The contract is for the delivery, installation and commissioning of complete navigation simulators for both school places. The delivery shall include simulator stations for pupils and instructors, the necessary hardware and software, the accompanying licences, cabling, integration with relevant existing equipment and adapted furnishing. The delivery shall be complete and ready for use when taking over. The system shall facilitate realistic training in navigation, manoeuvring, GMDSS communication, interaction between vessels and exercises across disciplines. The simulators shall be able to be controlled together from the instructor station, support joint scenarios and give good possibilities for real time management, recording, documentation and evaluation of exercises. Flexibility is also wanted for future expansions and integrations, including an option for a fishing module. The assignment includes further training in use and operation, documentation, proposals for a room system and any infrastructure requirements, as well as a service and maintenance agreement with support and access to spare parts. The system shall contribute to safe and efficient operation over time, with emphasis on user friendliness, central administration, upgradability and interaction between the simulator installations at the two schools.

Identificador interno: cmq6db3ws000304lbnkv80cfr

5.1.1. Finalidad

Naturaleza del contrato: Suministros

Clasificación principal (cpv): 34931400 Simuladores de puente de buque

Clasificación adicional (cpv): 48190000 Paquetes de software educativo, 34931000 Equipo portuario, 80210000 Servicios de enseñanza secundaria técnica y profesional, 30231320

Monitores de pantalla táctil, 34152000 Simuladores de entrenamiento, 48822000 Servidores de ordenador, 38112100 Sistemas de navegación y posicionamiento globales (GPS o equivalentes), 48000000 Paquetes de software y sistemas de información, 30231000

Pantallas de ordenador y consolas, 39100000 Mobiliario, 38110000 Instrumentos de navegación, 34150000 Simuladores, 34930000 Equipo marino, 39162100 Material pedagógico

5.1.2. Lugar de ejecución

Dirección postal: Postboks 6600

Localidad: Tromsø

Código postal: 9296

Subdivisión del país (NUTS): Troms/Romsa/Tromssa (NO072)

País: Noruega

Información complementaria: Nord-Troms sixth form college, skjervøy school and Senja sixth form college, department Gibostad.

5.1.3. Duración estimada

Fecha de inicio: 01/10/2026

Fecha de finalización de la duración: 01/11/2027

5.1.5. Valor

Valor estimado, IVA excluido: 7 600 000,00 NOK

5.1.6. Información general

Participación reservada:

La participación no está reservada.

Proyecto de contratación pública no financiado con fondos de la UE

La contratación pública está cubierta por el Acuerdo sobre Contratación Pública (ACP): sí

5.1.7. Contratación estratégica

Objetivo de la contratación estratégica: Reducción de los impactos ambientales

Descripción: The aim of the procurement is to reduce environmental impact.

5.1.9. Criterios de selección

Fuentes de los criterios de selección: Documento de contratación

5.1.10. Criterios de adjudicación

Criterio:

Tipo: Precio

Nombre: Price

Descripción: Price shall include all expenses and costs connected to the delivery of a complete and completed simulator park, ready for use by the Contracting Authority. As a result, the total price shall include costs for, among other things, but not limited to the delivery and freight (including travel and living expenses for the tenderer), installation, installation, training, licence costs, required warranty time, service, technical support, as well as any necessary quality assurance activities and test procedures. The price shall also include an option for a fishing module. It is emphasised that the contracting authority will not accept costs beyond the stated total price."

Categoría del criterio de adjudicación de peso: Ponderación (porcentaje, exacto)

Criterio de adjudicación: número: 20

Criterio:

Tipo: Calidad

Nombre: Climate and environmental properties

Descripción: Evaluation of documentable climate and environmental properties at the delivery, for example, energy efficient components, lifetime and upgradability/modular structure, use of standardised hardware that enables reuse, maintenance and lifetime.

Categoría del criterio de adjudicación de peso: Ponderación (porcentaje, exacto)

Criterio de adjudicación: número: 20

Criterio:

Tipo: Calidad

Descripción: The procurement is covered by the rules of the Public Procurement Act § 5b, which includes requirements for safeguarding climate and the environment in public procurement processes. The contracting authority considers that combining climate and environmental considerations as the award criterion with climate and environmental requirements in the requirement specifications gives a better climate and environmental effect than only using climate and environmental considerations as an award criterion in the competition, cf. the Public Procurement Regulations § 5b second paragraph of the third period. The contracting authority has therefore chosen to use both climate and environmental considerations as the award criteria, as well as to set minimum requirements for climate and the environment to ensure that the procurement results in the desired climate and environmental effects. Moderate climate and environmental risks have been identified for

navigation simulators, mainly related to extraction of raw materials, the production and operation phase, which makes up most of the procurement's total climate footprint. Both DFØ, the European Commission's Joint Research Centre and relevant guidelines point out that the most efficient way the contracting authority can reduce climate and environmental impact is by setting requirements that promote long lifetime, repairability and reduced replacement. There are minimum requirements that underpin long lifetime, repairability and reduced replacement by requirements for spare parts and system upgrades for ten years, modular structure, energy efficient components and standardised hardware. Minimum requirements for remote support and remote updating will reduce the need for physical attendance and the climate footprint associated with travel. Requirements for disposal and packaging shall ensure the desired climate and environmental effects connected to resource efficiency and waste reduction. At the same time, the contracting authority sees environmental added value by awarding tenderers for increased levels of modular structure, energy efficiency and standardised hardware. These elements will therefore be evaluated as part of the award criterion Climate and Environment in the competition.

Categoría del criterio de adjudicación de peso: Ponderación (porcentaje, exacto)

Criterio de adjudicación: número: 0

Criterio:

Tipo: Calidad

Nombre: Training and delivery

Descripción: Evaluation of the system's requirements for training and delivery.

Categoría del criterio de adjudicación de peso: Ponderación (porcentaje, exacto)

Criterio de adjudicación: número: 20

Criterio:

Tipo: Calidad

Nombre: Functionality and educational quality

Descripción: Evaluation of requirements, Visual display in a large screen over monitor based instrument monitors.

Categoría del criterio de adjudicación de peso: Ponderación (porcentaje, exacto)

Criterio de adjudicación: número: 20

Criterio:

Tipo: Calidad

Nombre: Interaction and future expandability

Descripción: Evaluation of how well the system interacts with the existing equipment and supports simple administration across schools, common scenarios between several disciplines, driving from the same instructor in the same exercise, integration with the relevant existing equipment/debrief system as well as flexibility for future integrations and options, particularly the fishing module.

Categoría del criterio de adjudicación de peso: Ponderación (porcentaje, exacto)

Criterio de adjudicación: número: 20

5.1.11. Pliegos de contratación

Dirección de los pliegos de contratación: <https://hyr.no/procurement/cm96db3va000004lb3wxi2sei>

5.1.12. Condiciones de la contratación pública

Condiciones de presentación:

Presentación electrónica: Obligatoria

Dirección para la presentación: <https://hyr.no/procurement/cm96db3va000004lb3wxi2sei>

Lenguas en las que pueden presentarse las ofertas o solicitudes de participación: noruego, inglés

Catálogo electrónico: No autorizada

Los licitadores pueden presentar más de una oferta: No autorizada

Plazo de recepción de ofertas: 09/11/2026 12:00:00 (UTC+01:00) Hora de Europa Central, hora de verano de Europa Occidental

Duración durante la cual la oferta debe permanecer válida: 60 Días

Condiciones del contrato:

La ejecución del contrato debe realizarse en el marco de programas de empleo protegido: No

Condiciones relativas a la ejecución del contrato: See Tender Documents

Facturación electrónica: Obligatoria

Se utilizarán pedidos electrónicos: no

Se utilizará el pago electrónico: no

Estructura financiera: See tender documents

5.1.15. Técnicas

Acuerdo marco:

Ningún acuerdo marco

Información sobre el sistema dinámico de adquisición:

Ningún sistema dinámico de adquisición

5.1.16. Información adicional, mediación y recurso

Organización encargada de los procedimientos de recurso: NORD-TROMS OG SENJA TINGRETT

Organización que proporciona información adicional sobre el procedimiento de contratación: Troms Fylkeskommune

Organización que proporciona más información sobre los procedimientos de recurso: NORD-TROMS OG SENJA TINGRETT

Organización que recibe solicitudes de participación: Hyyr AS

8. Organizaciones

8.1. ORG-0001

Denominación oficial: NORD-TROMS OG SENJA TINGRETT

Número de registro: 926723022

Dirección postal: Postboks 2510 Stakkevollan

Localidad: TROMSØ

Código postal: 9270

Subdivisión del país (NUTS): Troms/Romsa/Tromssa (NO072)

País: Noruega

Punto de contacto: NORD-TROMS OG SENJA TINGRETT

Funciones de esta organización:

Organización encargada de los procedimientos de recurso

Organización que proporciona más información sobre los procedimientos de recurso

8.1. ORG-0002

Denominación oficial: Hyyr AS

Número de registro: 924998687

Dirección postal: Gaustadalléen 21

Localidad: Oslo

Código postal: 0349

Subdivisión del país (NUTS): Oslo (NO081)

País: Noruega

Punto de contacto: Hyyr Support

Correo electrónico: admin@hyyr.no

Teléfono: +47 90 63 65 38

Funciones de esta organización:

Organización que recibe solicitudes de participación

8.1. ORG-0003

Denominación oficial: Troms Fylkeskommune

Número de registro: 930068128

Dirección postal: Postboks 6600

Localidad: Tromsø

Código postal: 9296

Subdivisión del país (NUTS): Troms/Romsa/Tromssa (NO072)

País: Noruega

Punto de contacto: Troms Fylkeskommune

Correo electrónico: postmottak@tromsfylke.no

Teléfono: +47 77788000

Funciones de esta organización:

Comprador

Organización que proporciona información adicional sobre el procedimiento de contratación

Información del anuncio

Identificador/versión del anuncio: 6e8fae76-2799-4567-82d0-ac4568bf1610 - 01

Tipo de formulario: Licitación

Tipo de anuncio: Anuncio de contrato o de concesión. Régimen normal

Subtipo de anuncio: 16

Fecha de envío del anuncio: 01/10/2026 13:08:07 (UTC+02:00) Hora de Europa Oriental, hora de verano de Europa Central

Lenguas en las que este anuncio está disponible oficialmente: inglés

Número de publicación del anuncio: 679552-2026

Número de la edición del DO S: 191/2026

Fecha de publicación: 02/10/2026