

679552-2026 - Konkursas

Norvegija – Laivų trapų imituokliai – Navigation simulators for Nord-Troms and Senja sixth form colleges

OJ S 191/2026 02/10/2026

Skelbimas apie pirkimą arba koncesiją. Įprasta tvarka

Prekės

1. Pirkėjas

1.1. Pirkėjas

Oficialus pavadinimas: Troms Fylkeskommune

E. paštas: postmottak@tromsfylke.no

Pirkėjo teisinė forma: Viešosios teisės reglamentuojama įstaiga, kontroliuojama regioninės valdžios institucijos

Perkančiosios organizacijos veiklos sritis: Bendrosios viešosios paslaugos

2. Procedūra

2.1. Procedūra

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

Aprašymas: 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.

Procedūros identifikatorius: 7aa67748-09c8-4c80-b7dc-4c788848bd43

Vidaus identifikatorius: cmq6db3va000004lb3wxi2sei

Pirkimo būdas: Atviras

Procedūra pagreitinta: ne

Pagrindiniai procedūros ypatumai: All interested suppliers can submit tender offers through Hyrr. 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 Hyrr.

2.1.1. Tikslas

Sutarties objektas: Prekės

Pagrindinis klasifikacijos kodas (cpv): 34931400 Laivų trapų imituokliai

Kiti klasifikacijos kodai (cpv): 48190000 Mokomosios programinės įrangos paketai, 34931000 Uosto įrenginiai, 80210000 Techninio ir profesinio vidurinio mokymo paslaugos, 30231320 Jutiklinių ekranų monitoriai, 34152000 Mokomieji treniruokliai, 48822000 Kompiuterių serveriai, 38112100 Visuotinės navigacinės ir padėties nustatymo sistemos (GPS arba lygiavertės), 48000000 Programinės įrangos paketai ir informacinės sistemos, 30231000 Kompiuterių ekranai ir pultai, 39100000 Baldai, 38110000 Navigacijos prietaisai, 34150000 Treniruokliai, 34930000 Jūros įrenginiai, 39162100 Mokymo priemonės

2.1.2. Sutarties vykdymo vieta

Pašto adresas: Postboks 6600

Miestas: Tromsø

Pašto kodas: 9296

Šalies administracinis vienetas (NUTS): Troms/Romsa/Tromssa (NO072)

Šalis: Norvegija

Papildoma informacija: Nord-Troms sixth form college, skjervøy school and Senja sixth form college, department Gibostad.

2.1.3. Vertė

Numatoma vertė be PVM: 7 600 000,00 NOK

2.1.4. Bendra informacija

Teisinis pagrindas:

Direktyva 2014/24/ES

Anskaffelsesforskriften -

2.1.6. Pašalinimo pagrindai

Pašalinimo pagrindų šaltiniai: Pirkimo dokumentas, Pirkimo dokumentas

5. Pirkimo dalis

5.1. Pirkimo dalis: LOT-0001

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

Aprašymas: 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.

Vidaus identifikatorius: cmq6db3ws000304lbnkv80cfr

5.1.1. Tikslas

Sutarties objektas: Prekės

Pagrindinis klasifikacijos kodas (cpv): 34931400 Laivų trapų imituokliai

Kiti klasifikacijos kodai (cpv): 48190000 Mokomosios programinės įrangos paketai, 34931000 Uosto įrenginiai, 80210000 Techninio ir profesinio vidurinio mokymo paslaugos, 30231320 Jutiklinių ekranų monitoriai, 34152000 Mokomieji treniruokliai, 48822000 Kompiuterių serveriai, 38112100 Visuotinės navigacinės ir padėties nustatymo sistemos (GPS arba lygiavertės), 48000000 Programinės įrangos paketai ir informacinės sistemos, 30231000 Kompiuterių ekranai ir pultai, 39100000 Baldai, 38110000 Navigacijos prietaisai, 34150000 Treniruokliai, 34930000 Jūros įrenginiai, 39162100 Mokymo priemonės

5.1.2. Sutarties vykdymo vieta

Pašto adresas: Postboks 6600

Miestas: Tromsø

Pašto kodas: 9296

Šalies administracinis vienetas (NUTS): Troms/Romsa/Tromssa (NO072)

Šalis: Norvegija

Papildoma informacija: Nord-Troms sixth form college, skjervøy school and Senja sixth form college, department Gibostad.

5.1.3. Numatomas galiojimas

Pradžios data: 01/10/2026

Trukmės pabaigos data: 01/11/2027

5.1.5. Vertė

Numatoma vertė be PVM: 7 600 000,00 NOK

5.1.6. Bendra informacija

Rezervuota dalyvavimo teisė:

Dalyvavimas nerezervuotas.

Iš ES fondų nefinansuojamas pirkimo projektas

Pirkimui taikoma Sutartis dėl viešųjų pirkimų (SVP): taip

5.1.7. Strateginis viešasis pirkimas

Strateginio viešojo pirkimo tikslas: Poveikio aplinkai mažinimas

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

5.1.9. Atrankos kriterijai

Pasirinkimo kriterijų šaltiniai: Pirkimo dokumentas

5.1.10. Skyrimo kriterijai

Kriterijus:

Rūšis: Kaina

Pavadinimas: Price

Aprašymas: 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."

Kategorija skyrimo kriterijaus svoris: Lyginamasis svoris (procentinė dalis, tikslus skaičius)

Skyrimo kriterijus: skaičius: 20

Kriterijus:

Rūšis: Kokybė

Pavadinimas: Climate and environmental properties

Aprašymas: 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.

Kategorija skyrimo kriterijaus svoris: Lyginamasis svoris (procentinė dalis, tikslus skaičius)

Skyrimo kriterijus: skaičius: 20

Kriterijus:

Rūšis: Kokybė

Aprašymas: 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.

Kategorija skyrimo kriterijaus svoris: Lyginamasis svoris (procentinė dalis, tikslus skaičius)
Skyrimo kriterijus: skaičius: 0

Kriterijus:

Rūšis: Kokybė

Pavadinimas: Training and delivery

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

Kategorija skyrimo kriterijaus svoris: Lyginamasis svoris (procentinė dalis, tikslus skaičius)
Skyrimo kriterijus: skaičius: 20

Kriterijus:

Rūšis: Kokybė

Pavadinimas: Functionality and educational quality

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

Kategorija skyrimo kriterijaus svoris: Lyginamasis svoris (procentinė dalis, tikslus skaičius)
Skyrimo kriterijus: skaičius: 20

Kriterijus:

Rūšis: Kokybė

Pavadinimas: Interaction and future expandability

Aprašymas: 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.

Kategorija skyrimo kriterijaus svoris: Lyginamasis svoris (procentinė dalis, tikslus skaičius)
Skyrimo kriterijus: skaičius: 20

5.1.11. Pirkimo dokumentai

Pirkimo dokumentų adresas: <https://hyyr.no/procurement/cm96db3va000004lb3wxi2sei>

5.1.12. Pirkimo sąlygos

Pateikimo sąlygos:

Pateikimas elektroninėmis priemonėmis: Privalomos

Pateikimo adresas: <https://hyyr.no/procurement/cm96db3va000004lb3wxi2sei>

Kalbos, kuriomis galima pateikti pasiūlymus arba dalyvavimo prašymus: norvegų kalba, anglų kalba

Elektroninis katalogas: Draudžiamos

Dalyviai gali pateikti daugiau kaip vieną pasiūlymą: Draudžiamos

Pasiūlymų priėmimo terminas: 09/11/2026 12:00:00 (UTC+01:00) Vidurio Europos laikas, Vakarų Europos vasaros laikas

Laikotarpis, per kurį pasiūlymas turi išlikti galiojantis: 60 Dienos

Sutarties sąlygos:

Sutartis turi būti vykdoma pagal globojamų darbo grupių užimtumo programas: Ne

Su sutarties vykdymu susijusios sąlygos: See Tender Documents

Elektroninės sąskaitos faktūros: Privalomos

Bus naudojami elektroniniai užsakymai: ne

Bus naudojami elektroniniai mokėjimai: ne

Finansinės sąlygos: See tender documents

5.1.15. Metodai

Preliminarioji sutartis:

Preliminariosios sutarties nėra

Informacija apie dinaminę pirkimo sistemą:

Dinaminės pirkimo sistemos nėra

5.1.16. Išsamesnė informacija, tarpininkavimas ir peržiūra

Peržiūros organizacija: NORD-TROMS OG SENJA TINGRETT

Organizacija, teikianti papildomą informaciją apie pirkimo procedūrą: Troms Fylkeskommune

Organizacija, teikianti daugiau informacijos apie peržiūros procedūras: NORD-TROMS OG SENJA TINGRETT

Organizacija, priimanti dalyvavimo prašymus: Hyyr AS

8. Organizacijos

8.1. ORG-0001

Oficialus pavadinimas: NORD-TROMS OG SENJA TINGRETT

Registracijos numeris: 926723022

Pašto adresas: Postboks 2510 Stakkevollan

Miestas: TROMSØ

Pašto kodas: 9270

Šalies administracinis vienetas (NUTS): Troms/Romsa/Tromssa (NO072)

Šalis: Norvegija

Ryšių centras: NORD-TROMS OG SENJA TINGRETT

Šios organizacijos vaidmenys:

Peržiūros organizacija

Organizacija, teikianti daugiau informacijos apie peržiūros procedūras

8.1. ORG-0002

Oficialus pavadinimas: Hyyr AS

Registracijos numeris: 924998687

Pašto adresas: Gaustadalléen 21

Miestas: Oslo

Pašto kodas: 0349

Šalies administracinis vienetas (NUTS): Oslo (NO081)

Šalis: Norvegija

Ryšių centras: Hyyr Support

E. paštas: admin@hyyr.no

Telefono numeris: +47 90 63 65 38

Šios organizacijos vaidmenys:

Organizacija, priimanti dalyvavimo prašymus

8.1. ORG-0003

Oficialus pavadinimas: Troms Fylkeskommune

Registracijos numeris: 930068128

Pašto adresas: Postboks 6600

Miestas: Tromsø

Pašto kodas: 9296

Šalies administracinis vienetas (NUTS): Troms/Romsa/Tromssa (NO072)

Šalis: Norvegija

Ryšių centras: Troms Fylkeskommune

E. paštas: postmottak@tromsfylke.no

Telefono numeris: +47 77788000

Šios organizacijos vaidmenys:

Pirkėjas

Organizacija, teikianti papildomą informaciją apie pirkimo procedūrą

Skelbimo informacija

Skelbimo identifikatorius / versija: 6e8fae76-2799-4567-82d0-ac4568bf1610 - 01

Formos tipas: Konkursas

Skelbimo rūšis: Skelbimas apie pirkimą arba koncesiją. Įprasta tvarka

Skelbimo porūšis: 16

Skelbimo išsiuntimo data: 01/10/2026 13:08:07 (UTC+02:00) Rytų Europos laikas, Vidurio Europos vasaros laikas

Kalbos, kuriomis šis skelbimas oficialiai skelbiamas: anglų kalba

Skelbimo paskelbimo numeris: 679552-2026

OL S numeris: 191/2026

Paskelbimo data: 02/10/2026