

679552-2026 - Mise en concurrence

Norvège – Simulateurs de passerelle d'embarquement – Navigation simulators for Nord-Troms and Senja sixth form colleges

OJ S 191/2026 02/10/2026

Avis de marché ou de concession – régime ordinaire

Fournitures

1. Acheteur

1.1. Acheteur

Nom officiel: Troms Fylkeskommune

Adresse électronique: postmottak@tromsfylke.no

Forme juridique de l'acheteur: Organisme de droit public, contrôlé par une autorité régionale

Activité du pouvoir adjudicateur: Services d'administration générale

2. Procédure

2.1. Procédure

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

Description: 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.

Identifiant de la procédure: 7aa67748-09c8-4c80-b7dc-4c788848bd43

Identifiant interne: cmq6db3va000004lb3wxi2sei

Type de procédure: Ouverte

La procédure est accélérée: non

Principales caractéristiques de la procédure et informations sur l'endroit où obtenir les règles complètes applicables à la procédure: 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. Objet

Nature principale du marché: Fournitures

Nomenclature principale (cpv): 34931400 Simulateurs de passerelle d'embarquement

Nomenclature complémentaire (cpv): 48190000 Logiciels pédagogiques, 34931000

Équipement pour port, 80210000 Services d'enseignement secondaire technique et professionnel, 30231320 Moniteurs à écran tactile, 34152000 Simulateurs de formation, 48822000 Serveurs informatiques, 38112100 Systèmes de positionnement à capacité globale (GPS ou équivalent), 48000000 Logiciels et systèmes d'information, 30231000 Écrans et consoles d'ordinateurs, 39100000 Mobilier, 38110000 Instruments de navigation, 34150000 Simulateurs, 34930000 Équipement maritime, 39162100 Matériel pédagogique

2.1.2. Lieu d'exécution

Adresse postale: Postboks 6600

Ville: Tromsø

Code postal: 9296

Subdivision pays (NUTS): Troms/Romsa/Tromssa (NO072)

Pays: Norvège

Informations complémentaires: Nord-Troms sixth form college, skjervøy school and Senja sixth form college, department Gibostad.

2.1.3. Valeur

Valeur estimée hors TVA: 7 600 000,00 NOK

2.1.4. Informations générales

Base juridique:

Directive 2014/24/UE

Anskaffelsesforskriften -

2.1.6. Motifs d'exclusion

Sources des motifs d'exclusion: Document de marché, Document de marché

5. Lot

5.1. Lot: LOT-0001

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

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Identifiant interne: cmq6db3ws000304lbnkv80cfr

5.1.1. Objet

Nature principale du marché: Fournitures

Nomenclature principale (cpv): 34931400 Simulateurs de passerelle d'embarquement

Nomenclature complémentaire (cpv): 48190000 Logiciels pédagogiques, 34931000

Équipement pour port, 80210000 Services d'enseignement secondaire technique et

professionnel, 30231320 Moniteurs à écran tactile, 34152000 Simulateurs de formation,

48822000 Serveurs informatiques, 38112100 Systèmes de positionnement à capacité globale

(GPS ou équivalent), 48000000 Logiciels et systèmes d'information, 30231000 Écrans et

consoles d'ordinateurs, 39100000 Mobilier, 38110000 Instruments de navigation, 34150000

Simulateurs, 34930000 Équipement maritime, 39162100 Matériel pédagogique

5.1.2. Lieu d'exécution

Adresse postale: Postboks 6600

Ville: Tromsø

Code postal: 9296

Subdivision pays (NUTS): Troms/Romsa/Tromssa (NO072)

Pays: Norvège

Informations complémentaires: Nord-Troms sixth form college, skjervøy school and Senja sixth form college, department Gibostad.

5.1.3. Durée estimée

Date de début: 01/10/2026

Date de fin de durée: 01/11/2027

5.1.5. Valeur

Valeur estimée hors TVA: 7 600 000,00 NOK

5.1.6. Informations générales

Participation réservée:

La participation n'est pas réservée.

Projet de passation de marché non financé par des fonds de l'UE

Le marché relève de l'accord sur les marchés publics (AMP): oui

5.1.7. Marché public stratégique

Objectif du marché public stratégique: Réduction des incidences sur l'environnement

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

5.1.9. Critères de sélection

Sources des critères de sélection: Document de marché

5.1.10. Critères d'attribution

Critère:

Type: Prix

Nom: Price

Description: 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."

Catégorie du critère d'attribution poids: Pondération (pourcentage, valeur exacte)

Nombre critère d'attribution: 20

Critère:

Type: Qualité

Nom: Climate and environmental properties

Description: 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.

Catégorie du critère d'attribution poids: Pondération (pourcentage, valeur exacte)

Nombre critère d'attribution: 20

Critère:

Type: Qualité

Description: 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.

Catégorie du critère d'attribution poids: Pondération (pourcentage, valeur exacte)

Nombre critère d'attribution: 0

Critère:

Type: Qualité

Nom: Training and delivery

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

Catégorie du critère d'attribution poids: Pondération (pourcentage, valeur exacte)

Nombre critère d'attribution: 20

Critère:

Type: Qualité

Nom: Functionality and educational quality

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

Catégorie du critère d'attribution poids: Pondération (pourcentage, valeur exacte)

Nombre critère d'attribution: 20

Critère:

Type: Qualité

Nom: Interaction and future expandability

Description: 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.

Catégorie du critère d'attribution poids: Pondération (pourcentage, valeur exacte)

Nombre critère d'attribution: 20

5.1.11. Documents de marché

Adresse des documents de marché: <https://hyyr.no/procurement/cm96db3va000004lb3wxi2sei>

5.1.12. Conditions du marché public

Conditions de soumission:

Soumission par voie électronique: Requête

Adresse de soumission: <https://hyyr.no/procurement/cm96db3va000004lb3wxi2sei>

Langues dans lesquelles les offres ou demandes de participation/candidatures peuvent être présentées: norvégien, anglais

Catalogue électronique: Non autorisée

Les soumissionnaires peuvent présenter plusieurs offres: Non autorisée

Date limite de réception des offres: 09/11/2026 12:00:00 (UTC+01:00) Heure de l'Europe centrale, heure d'été de l'Europe occidentale

Durée de validité des offres: 60 Jours

Conditions du marché:

Le contrat doit être exécuté dans le cadre de programmes d'emplois protégés: Non

Conditions relatives à l'exécution du contrat: See Tender Documents

Facturation électronique: Requise

La commande en ligne sera utilisée: non

Le paiement électronique sera utilisé: non

Arrangement financier: See tender documents

5.1.15. Techniques

Accord-cadre:

Pas d'accord-cadre

Informations sur le système d'acquisition dynamique:

Pas de système d'acquisition dynamique

5.1.16. Informations complémentaires, médiation et recours

Organisation chargée des procédures de recours: NORD-TROMS OG SENJA TINGRETT

Organisation qui fournit des informations complémentaires sur la procédure de passation de marché: Troms Fylkeskommune

Organisation qui fournit des précisions concernant l'introduction des recours: NORD-TROMS OG SENJA TINGRETT

Organisation qui reçoit les demandes de participation/candidatures: Hyrr AS

8. Organisations

8.1. ORG-0001

Nom officiel: NORD-TROMS OG SENJA TINGRETT

Numéro d'enregistrement: 926723022

Adresse postale: Postboks 2510 Stakkevollan

Ville: TROMSØ

Code postal: 9270

Subdivision pays (NUTS): Troms/Romsa/Tromssa (NO072)

Pays: Norvège

Point de contact: NORD-TROMS OG SENJA TINGRETT

Rôles de cette organisation:

Organisation chargée des procédures de recours

Organisation qui fournit des précisions concernant l'introduction des recours

8.1. ORG-0002

Nom officiel: Hyrr AS

Numéro d'enregistrement: 924998687

Adresse postale: Gaustadalléen 21

Ville: Oslo

Code postal: 0349

Subdivision pays (NUTS): Oslo (NO081)

Pays: Norvège

Point de contact: Hyyr Support

Adresse électronique: admin@hyyr.no

Téléphone: +47 90 63 65 38

Rôles de cette organisation:

Organisation qui reçoit les demandes de participation/candidatures

8.1. ORG-0003

Nom officiel: Troms Fylkeskommune

Numéro d'enregistrement: 930068128

Adresse postale: Postboks 6600

Ville: Tromsø

Code postal: 9296

Subdivision pays (NUTS): Troms/Romsa/Tromssa (NO072)

Pays: Norvège

Point de contact: Troms Fylkeskommune

Adresse électronique: postmottak@tromsfylke.no

Téléphone: +47 77788000

Rôles de cette organisation:

Acheteur

Organisation qui fournit des informations complémentaires sur la procédure de passation de marché

Informations relatives à l'avis

Identifiant/version de l'avis: 6e8fae76-2799-4567-82d0-ac4568bf1610 - 01

Type de formulaire: Mise en concurrence

Type d'avis: Avis de marché ou de concession – régime ordinaire

Sous-type d'avis: 16

Date d'envoi de l'avis: 01/10/2026 13:08:07 (UTC+02:00) Heure de l'Europe orientale, heure d'été de l'Europe centrale

Langues dans lesquelles l'avis en question est officiellement disponible: anglais

Numéro de publication de l'avis: 679552-2026

Numéro de publication au JO S: 191/2026

Date de publication: 02/10/2026