

498848-2026 - Gara

Norvegia – Sistemi Scada o equivalente – Operational control water and sewage.

OJ S 137/2026 20/07/2026

Bando di gara o di concessione – regime ordinario

Forniture - Servizi

1. Committente

1.1. Committente

Nome ufficiale: Fredrikstad kommune

E-mail: eirik@odinprosjekt.no

Forma giuridica del committente: Organismo di diritto pubblico controllato da un'autorità locale

Attività dell'amministrazione aggiudicatrice: Servizi generali delle amministrazioni pubbliche

Attività dell'ente aggiudicatore: Attività connesse alla fornitura di acqua

2. Procedura

2.1. Procedura

Titolo: Operational control water and sewage.

Descrizione: The procurement is for the procurement of a new operational control plant for all water and sewage installations in Fredrikstad municipality. In addition a framework agreement will be signed for the delivery of new PLC installations, upgrading PLS installations at existing stations, work in connection with changes/additions to the operations control plant and automation work on other installations within water and sewage. A maintenance agreement will also be signed for operation control installations, as well as new and existing PLS installations in the municipality. See the procurement documents for further information.

Identificativo della procedura: 90a0e826-a727-4df8-9d07-337f5336987f

Identificativo interno: 2026/16360

Tipo di procedura: Negoziata con previa indizione di gara / competitiva con negoziazione

La procedura è accelerata: no

Caratteristiche principali della procedura: The procurement is for the procurement of a new operational control plant for all water and sewage installations in Fredrikstad municipality. In addition a framework agreement will be signed for the delivery of new PLC installations, upgrading PLS installations at existing stations, work in connection with changes/additions to the operations control plant and automation work on other installations within water and sewage. A maintenance agreement will also be signed for operation control installations, as well as new and existing PLS installations in the municipality. See the procurement documents for further information.

2.1.1. Finalità

Natura dell'appalto: Forniture

Natura aggiuntiva dell'appalto: Servizi

Classificazione principale (cpv): 42961200 Sistemi Scada o equivalente

Classificazione aggiuntiva (cpv): 38800000 Attrezzature di controllo dei processi industriali e attrezzature di controllo a distanza, 42961000 Sistemi di comando e controllo, 45315100

Lavori di installazione di ingegneria elettrica, 48151000 Sistema di controllo informatico,

48921000 Sistema di automazione, 50324100 Servizi di manutenzione di sistemi, 51542200

Servizi di installazione di macchinari per la lavorazione delle bevande, 72200000

2.1.2. Luogo di esecuzione

Suddivisione del paese (NUTS): Østfold (NO083)

Paese: Norvegia

Informazioni supplementari: 7.2 Justification for exceptions from the main rule on weighting climate and environmental considerations. The procurement is for the procurement of an operational control system within W&S, including installation of the necessary equipment, and it is being carried out in accordance with the utilities regulation part II. The main contract element is the delivery of software that shall be installed on-prem at the customer. This part of the delivery is considered to have limited climate and environmental impact. The most relevant environmental conditions in the procurement are therefore connected to the physical parts of the delivery, including transport, installation work, emissions from vehicles, return of equipment and packaging, as well as waste handling. The contracting authority estimates that climate and environmental considerations in this procurement are clearly best taken care of through concrete and binding minimum requirements in the requirement specifications and contract, rather than as a separate award criterion. The background is that the significant environmental impacts can be identified in advance and regulated directly through requirements that all tenderers must fulfil. There are, therefore, minimum requirements for vehicles used during the delivery, including requirements for EURO class 6/STEG IV and that class B vehicles shall be zero emission vehicles. In addition there are requirements for reliable handling of returns, packaging and minimum requirements for source sorting. The requirements are made to contractual obligations and can be followed-up in the execution of the contract. Based on this, the contracting authority considers that concrete environmental requirements will give a clearly better environmental effect than an evaluation of climate and the environment as the award criteria.

2.1.3. Valore

Valore stimato al netto dell'IVA: 30 000 000,00 NOK

2.1.4. Informazioni generali

Base giuridica:

Direttiva 2014/25/UE

Forsyningsforskriften - The municipality's activities within the production, transport and distribution of drinking water are a supply activity covered by the utilities regulations § 1-5 first section.

2.1.6. Motivi di esclusione

Fonti dei motivi di esclusione: Documento di gara unico europeo (DGUE)

5. Lotto

5.1. Lotto: LOT-0000

Titolo: Operational control water and sewage.

Descrizione: The procurement is for the procurement of a new operational control plant for all water and sewage installations in Fredrikstad municipality. In addition a framework agreement will be signed for the delivery of new PLC installations, upgrading PLS installations at existing stations, work in connection with changes/additions to the operations control plant and

automation work on other installations within water and sewage. A maintenance agreement will also be signed for operation control installations, as well as new and existing PLS installations in the municipality. See the procurement documents for further information.
Identificativo interno: 2026/16360

5.1.1. Finalità

Natura dell'appalto: Forniture

Natura aggiuntiva dell'appalto: Servizi

Classificazione principale (cpv): 42961200 Sistemi Scada o equivalente

Classificazione aggiuntiva (cpv): 38800000 Attrezzature di controllo dei processi industriali e attrezzature di controllo a distanza, 42961000 Sistemi di comando e controllo, 45315100

Lavori di installazione di ingegneria elettrica, 48151000 Sistema di controllo informatico,

48921000 Sistema di automazione, 50324100 Servizi di manutenzione di sistemi, 51542200

Servizi di installazione di macchinari per la lavorazione delle bevande, 72200000

Programmazione di software e servizi di consulenza, 72267000 Servizi di manutenzione e riparazione di software

5.1.2. Luogo di esecuzione

Suddivisione del paese (NUTS): Østfold (NO083)

Paese: Norvegia

Informazioni supplementari: 7.2 Justification for exceptions from the main rule on weighting climate and environmental considerations. The procurement is for the procurement of an operational control system within W&S, including installation of the necessary equipment, and it is being carried out in accordance with the utilities regulation part II. The main contract element is the delivery of software that shall be installed on-prem at the customer. This part of the delivery is considered to have limited climate and environmental impact. The most relevant environmental conditions in the procurement are therefore connected to the physical parts of the delivery, including transport, installation work, emissions from vehicles, return of equipment and packaging, as well as waste handling. The contracting authority estimates that climate and environmental considerations in this procurement are clearly best taken care of through concrete and binding minimum requirements in the requirement specifications and contract, rather than as a separate award criterion. The background is that the significant environmental impacts can be identified in advance and regulated directly through requirements that all tenderers must fulfil. There are, therefore, minimum requirements for vehicles used during the delivery, including requirements for EURO class 6/STEG IV and that class B vehicles shall be zero emission vehicles. In addition there are requirements for reliable handling of returns, packaging and minimum requirements for source sorting. The requirements are made to contractual obligations and can be followed-up in the execution of the contract. Based on this, the contracting authority considers that concrete environmental requirements will give a clearly better environmental effect than an evaluation of climate and the environment as the award criteria.

5.1.3. Durata stimata

Durata: 120 Mesi

5.1.4. Rinnovo

Rinnovi massimi: 8

Altre informazioni sul rinnovo: The framework agreement will be valid for 2 years, with an option for a further extension for up to 8 years, with 12 months at a time (maximum up to 10 years).

5.1.5. Valore

Valore stimato al netto dell'IVA: 30 000 000,00 NOK

5.1.6. Informazioni generali

Partecipazione riservata:

La partecipazione non è riservata.

Progetto di appalto non finanziato con fondi UE

L'appalto è soggetto all'accordo sugli appalti pubblici (AAP): no

5.1.9. Criteri di selezione

Fonti dei criteri di selezione: Documento di gara unico europeo (DGUE), Documento di gara

Informazioni sulla seconda fase di una procedura in due fasi:

Numero minimo di candidati da invitare alla seconda fase della procedura: 3

Numero massimo di candidati da invitare alla seconda fase della procedura: 3

La procedura si svolge in diverse fasi. In ogni fase possono essere eliminati alcuni partecipanti

5.1.10. Criteri di aggiudicazione

Criterio:

Tipo: Prezzo

Nome: Price

Descrizione: Completed price forms Annex 4.1, Annex 4.2 and Annex 4.3.

Categoria del criterio di aggiudicazione peso: Ponderazione (percentuale, esatta)

Criterio di aggiudicazione: numero: 40

Criterio:

Tipo: Qualità

Nome: Quality

Descrizione: The contracting authority will emphasise more fulfilment of the S/M requirements as well as fulfilment of B-requirements within the following points: From SSA-T – Operations Control System: o System architecture (topology) (Annex 1, Chapter 5, 5.2, 5.3) o User interface with examples of monitor images, operation and time response (Annexes 1, Chapters 5.5 and 5.6). o Alarm system (Annex 1, Chapter 5.7) o Historical storage and trend system (Annex 1, Chapter 5.8) o Report System (Annex 1, Chapter 5.9) o Functions (Annex 1, Chapter 5.10) o Information security (including any certifications) (Annex 1, Chapter 5.4). From The Framework Agreement Automation, Technical Description o The offered PLS equipment with programming tools (Chapter 4). From SSA-V - Maintenance Contracts o The contracting authority's requirement specifications, annex 1

Categoria del criterio di aggiudicazione peso: Ponderazione (percentuale, esatta)

Criterio di aggiudicazione: numero: 30

Criterio:

Tipo: Qualità

Nome: Competence

Descrizione: An evaluation will also be made on fulfilment of the minimum requirements stated, cf. the tender documentation annex 1.2 SSA-T, Annex 1 Point 8.3 Personnel Requirements.

Categoria del criterio di aggiudicazione peso: Ponderazione (percentuale, esatta)

Criterio di aggiudicazione: numero: 20

Criterio:

Tipo: Qualità

Nome: Implementation plan

Descrizione: The detailed description delivered in annex 2 will be evaluated with a particular focus on: o Described implementation plan o Progress plan o Dealing with deviations, up to and including the delivery day. o Interaction The contracting authority will particularly

emphasise realistic plans including considerations to time and resources, as well as routines for processing deviations. Particular emphasis will be put on cooperation with the customer.
Categoria del criterio di aggiudicazione peso: Ponderazione (percentuale, esatta)
Criterio di aggiudicazione: numero: 10

5.1.11. Documenti di gara

Lingue in cui i documenti di gara sono ufficialmente disponibili: norvegese
Indirizzo dei documenti di gara: <https://permalink.mercell.com/285298045.aspx>

5.1.12. Condizioni di appalto

Modalità di presentazione:

Presentazione elettronica delle offerte: Obbligatoria

Indirizzo per la presentazione: <https://permalink.mercell.com/285298045.aspx>

Lingue in cui possono essere presentate le offerte o le domande di partecipazione: norvegese

Catalogo elettronico: Consentita

Obbligo di firma elettronica qualificata o sigillo elettronico qualificato [come definiti dal regolamento (UE) n. 910/2014]

Varianti: Non consentita

Termine per il ricevimento delle domande di partecipazione: 17/08/2026 10:00:00 (UTC+00:00) ora dell'Europa occidentale, GMT

Condizioni contrattuali:

L'esecuzione dell'appalto deve avvenire nel contesto di programmi di lavoro protetti: No

Condizioni relative all'esecuzione dell'appalto: See the procurement documents.

È richiesto un accordo di non divulgazione: no

Accordo finanziario: See the procurement documents.

5.1.15. Tecniche

Accordo quadro:

Accordo quadro, senza riapertura della gara

Numero massimo di partecipanti: 1

Giustificazione della durata dell'accordo quadro: The contracting authority considers that there are special conditions that suggest that the framework agreement's length should exceed the main rule of eight years in the utilities regulations § 22-1 (4). The supply regulations explicitly open for this, when, among other things, the contract's purpose, investment costs or the users' needs make it necessary. In this procurement, the framework agreement is for operational control systems and PLC systems, which are a part of the critical infrastructure for water /sewage. This type of system has a technical and operational character that separates them from normal IT systems and other standardised systems. There are several conditions that, in total, mean that a longer contract period is both proportionally, necessary and socially justifiable. 1. Considerable investments and a need for depreciation over a long period of time. The implementation of operational control systems and PLS systems requires: · comprehensive software and licence costs · complex integrations with existing installations, PLCs, sensors and communication infrastructure. · adaptations, testing, redundancy set up and security functions These are investments that normally have to be written off over more than eight years in order to be financially justifiable. The supply regulations allow a longer agreement when investment costs make it necessary. 2. High costs and risks of supplier changes. The systems have a high complexity and major consequences in the event of an error. A change of supplier involves significant risk, including: · operational interruptions in critical infrastructure · alterations to entire control room systems. · training of operational personnel · security risks from migration of historical data, alarms and control functions. 3. Technological lifetime and long term security need The systems are a part of social critical

infrastructure. Stability, continuity and cyber security require: · long-term updating course · predictable patch and maintenance strategy · dedicated supplier follow-up · robustness in supplier relation. The actual technical lifetime of the systems can be 15-20 years, and a short framework agreement will involve more frequent procurements of goods - which is not compatible with the requirements on proportionality and resource use in the procurement regulations. 4. Need for continual development and adaptation. The supply sector is facing: · increasing digitalisation · stricter security requirements · new regulatory requirements (e.g. connected to the NIS directive) · increased automation An operational control system must be continually developed throughout its life cycle. A framework agreement for a longer length is therefore necessary to ensure: · the tenderer's long-term obligation · consistent developments. · avoidance of fragmented parallel solutions Conclusion Based on the systems' technical complexity, considerable investment costs, high replacement costs, critical social function and the need for continual security follow-up, the Contracting Authority considers special conditions in accordance with the Utilities Regulation § 22-1 (4), which justifies that the framework agreement period is set beyond the main rule of eight years. This duration will be seen as: · proportionally · necessary · in accordance with the rules' opening for an extended framework agreement period for special conditions

Informazioni sul sistema dinamico di acquisizione:

Nessun sistema dinamico di acquisizione

5.1.16. Ulteriori informazioni, mediazione e ricorsi

Organizzazione competente per i ricorsi: Søndre Østfold tingrett

Informazioni sui termini per il riesame: Pursuant to the Utilities Regulations § 16-5, the deadline is set to petition for a temporary injunction against the contracting authority's decision on rejection or selection of tenderers at 15 calendar days, calculated from the day after the notification of the decision has been sent.

Organizzazione alla quale rivolgersi per informazioni complementari sulla procedura di appalto : Fredrikstad kommune

Organizzazione alla quale rivolgersi per informazioni complementari sulle procedure di ricorso: Fredrikstad kommune

8. Organizzazioni

8.1. ORG-0001

Nome ufficiale: Fredrikstad kommune

Numero di registrazione: 940039541

Indirizzo postale: Rådhuset, Nygaardsgaten 14-16

Località: FREDRIKSTAD

Codice postale: 1606

Suddivisione del paese (NUTS): Østfold (NO083)

Paese: Norvegia

Referente: Eirik Steine

E-mail: eirik@odinprosjekt.no

Telefono: +47 90063037

Indirizzo internet: <https://odinprosjekt.no/>

Ruoli di questa organizzazione:

Committente

Organizzazione alla quale rivolgersi per informazioni complementari sulla procedura di appalto

Organizzazione alla quale rivolgersi per informazioni complementari sulle procedure di ricorso

8.1. **ORG-0002**

Nome ufficiale: Søndre Østfold tingrett

Numero di registrazione: 926722808

Località: FREDRIKSTAD

Codice postale: 1607

Suddivisione del paese (NUTS): Østfold (NO083)

Paese: Norvegia

Ruoli di questa organizzazione:

Organizzazione competente per i ricorsi

Informazioni sull'avviso

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