

498848-2026 - Konkurrencevilkår

Norge – Scada eller tilsvarende system – Operational control water and sewage.

OJ S 137/2026 20/07/2026

Udbuds- eller koncessionsbekendtgørelse – standardordningen

Varer - Tjenesteydelser

1. Køber

1.1. Køber

Officielt navn: Fredrikstad kommune

E-mail: eirik@odinprosjekt.no

Køberens retlige status: Offentligretligt organ, der styres af en lokal myndighed

Den ordregivende myndigheds aktivitet: Generelle offentlige tjenesteydelser

Den ordregivende enheds aktiviteter: Vandrelaterede aktiviteter

2. Procedure

2.1. Procedure

Titel: Operational control water and sewage.

Beskrivelse: 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.

Identifikator for proceduren: 90a0e826-a727-4df8-9d07-337f5336987f

Intern ID: 2026/16360

Udbudsprocedure: Udbud med forhandling/indkaldelse af tilbud med forudgående offentliggørelse

Proceduren er en hasteprocedure: nej

Hovedpunkterne i proceduren: 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. Formål

Kontraktens hovedformål: Varer

Supplerende kontrakttype: Tjenesteydelser

Primær klassifikation (cpv): 42961200 Scada eller tilsvarende system

Supplerende klassifikation (cpv): 38800000 Industrielle processtyringsanlæg og fjernstyringsudstyr, 42961000 Overvågnings- og styresystem, 45315100 Elektrotekniske installationsarbejder, 48151000 Edb-kontrolsystem, 48921000 Automationssystem, 50324100 Vedligeholdelse af systemer, 51542200 Installation af maskiner til drikkevareindustrien,

2.1.2. Udførelsessted

Landsdel (NUTS): Østfold (NO083)

Land: Norge

Yderligere oplysninger: 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. Værdi

Anslået værdi eksklusiv moms: 30 000 000,00 NOK

2.1.4. Generelle oplysninger

Retsgrundlag:

Direktiv 2014/25/EU

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. Udelukkelsesgrunde

Kilder til grundlag for udelukkelse: Fælles europæisk udbudsdokument (ESPD)

5. Delkontrakt

5.1. Delkontrakt: LOT-0000

Titel: Operational control water and sewage.

Beskrivelse: 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.
Intern ID: 2026/16360

5.1.1. Formål

Kontraktens hovedformål: Varer

Supplerende kontrakttype: Tjenesteydelser

Primær klassifikation (cpv): 42961200 Scada eller tilsvarende system

Supplerende klassifikation (cpv): 38800000 Industrielle processtyringsanlæg og fjernstyringsudstyr, 42961000 Overvågnings- og styresystem, 45315100 Elektrotekniske installationsarbejder, 48151000 Edb-kontrolsystem, 48921000 Automationssystem, 50324100 Vedligeholdelse af systemer, 51542200 Installation af maskiner til drikkevareindustrien, 72200000 Programmering af software og konsulentvirksomhed, 72267000 Programmelvejlednings- og reparationstjenester

5.1.2. Udførelsessted

Landsdel (NUTS): Østfold (NO083)

Land: Norge

Yderligere oplysninger: 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. Anslået varighed

Varighed: 120 Måneder

5.1.4. Fornyelse

Højeste antal fornyelser: 8

Yderligere oplysninger om fornyelser: 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. Værdi

Anslået værdi eksklusiv moms: 30 000 000,00 NOK

5.1.6. Generelle oplysninger

Reserveret deltagelse:

Deltagelse uden forbehold.

Indkøbsprojekt, der ikke finansieres med EU-midler

Udbuddet er omfattet af aftalen om offentlige udbud (GPA): nej

5.1.9. Udvalgelseskriterier

Kilder til udvalgelseskriterier: Fælles europæisk udbudsdokument (ESPD), Udbudsdokument

Oplysninger om den anden fase i en procedure, der afvikles i to faser:

Mindsteantallet af ansøgere, som skal opfordres til at deltage i anden fase af proceduren: 3

Det højeste antal ansøgere, som skal opfordres til at deltage i anden fase af proceduren: 3

Proceduren afvikles i successive faser. I hver fase kan nogle ansøgere blive udelukket

5.1.10. Tildelingskriterier

Kriterium:

Type: Pris

Navn: Price

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

Kategori for tildelingskriteriet vægt: Vægtning (procentdel, præcis)

Tildelingskriterium talværdi: 40

Kriterium:

Type: Kvalitet

Navn: Quality

Beskrivelse: 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

Kategori for tildelingskriteriet vægt: Vægtning (procentdel, præcis)

Tildelingskriterium talværdi: 30

Kriterium:

Type: Kvalitet

Navn: Competence

Beskrivelse: 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.

Kategori for tildelingskriteriet vægt: Vægtning (procentdel, præcis)

Tildelingskriterium talværdi: 20

Kriterium:

Type: Kvalitet

Navn: Implementation plan

Beskrivelse: 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.

Kategori for tildelingskriteriet vægt: Vægtning (procentdel, præcis)

Tildelingskriterium talværdi: 10

5.1.11. Tilbudsdokumenter

Sprog, som udbudsdokumenterne er officielt tilgængelige på: norsk

Adresse på udbudsdokumenterne: <https://permalink.mercell.com/285298045.aspx>

5.1.12. Tilbudsvilkår

Vilkår for indgivelse:

Elektronisk indgivelse: Påkrævet

Indgivelsesadresse: <https://permalink.mercell.com/285298045.aspx>

Sprog, som tilbud og ansøgninger om deltagelse kan indgives på: norsk

Elektronisk katalog: Tilladt

Avanceret eller kvalificeret elektronisk signatur eller segl (jf forordning (EU) nr 910/2014) er påkrævet

Alternative tilbud: Ikke tilladt

Frist for modtagelse af anmodninger om deltagelse: 17/08/2026 10:00:00 (UTC+00:00)

vesteuropæisk tid, GMT

Betingelser for kontraktens udførelse:

Udførelsen af kontrakten skal ske inden for rammerne af programmer for beskyttet beskæftigelse: Nej

Vilkår relateret til kontraktens udførelse: See the procurement documents.

Der kræves en fortrolighedsaftale: nej

Oplysninger om finansiering og betaling: See the procurement documents.

5.1.15. Teknikker

Rammeaftale:

Rammeaftale uden fornyet iværksættelse af konkurrence

Det maksimale antal deltagere: 1

Begrundelse for rammeaftalens varighed: 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

Oplysninger om det dynamiske indkøbssystem:

Intet dynamisk indkøbssystem

5.1.16. Yderligere oplysninger, mægling og gennemgang

Organisation med ansvar for klager: Søndre Østfold tingrett

Oplysninger om klagefrister: 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.

Organisation, der leverer supplerende oplysninger om udbudsproceduren: Fredrikstad kommune

Organisation, der leverer yderligere oplysninger om klageprocedurerne: Fredrikstad kommune

8. Organisationer

8.1. ORG-0001

Officielt navn: Fredrikstad kommune

Registreringsnummer: 940039541

Postadresse: Rådhuset, Nygaardsgaten 14-16

By: FREDRIKSTAD

Postnummer: 1606

Landsdel (NUTS): Østfold (NO083)

Land: Norge

Enhed: Eirik Steine

E-mail: eirik@odinprosjekt.no

Telefon: +47 90063037

Internetadresse: <https://odinprosjekt.no/>

Denne organisations roller:

Køber

Organisation, der leverer supplerende oplysninger om udbudsproceduren

Organisation, der leverer yderligere oplysninger om klageprocedurerne

8.1. ORG-0002

Officielt navn: Søndre Østfold tingrett

Registreringsnummer: 926722808
By: FREDRIKSTAD
Postnummer: 1607
Landsdel (NUTS): Østfold (NO083)
Land: Norge
Denne organisations roller:
Organisation med ansvar for klager

Oplysninger om bekendtgørelsen

Bekendtgørelsens ID: be7be64d-f944-4715-b68e-7b3c2c3fe273 - 01
Formulartype: Konkurrencevilkår
Bekendtgørelsestype: Udbuds- eller koncessionsbekendtgørelse – standardordningen
Bekendtgørelsesundertype: 17
Afsendelsesdato for bekendtgørelsen: 16/07/2026 17:37:28 (UTC+00:00) vesteuropæisk tid, GMT
Dato for afsendelse af bekendtgørelsen (eSender): 17/07/2026 10:00:11 (UTC+00:00) vesteuropæisk tid, GMT
Bekendtgørelsens officielle sprog: engelsk
Bekendtgørelsesnummer: 498848-2026
EUT-S-nummer: 137/2026
Offentliggørelsesdato: 20/07/2026