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**Denmark-Viborg: Data services
2013/S 181-312067**

Contract notice

Supplies

Directive 2004/18/EC

Section I: Contracting authority

I.1) Name, addresses and contact point(s)

Region Midtjylland on behalf of itself and Region Nordjylland, Region Syddanmark, Region Sjælland, and
Region Hovedstaden

Skottenborg 26

Contact point(s): Indkøb & Medicoteknik

For the attention of: Bodil M. Hesel

8800 Viborg

DENMARK

Telephone: +45 78414530

E-mail: bodil.hesel@stab.rm.dk

Internet address(es):

General address of the contracting authority: www.rm.dk

Further information can be obtained from: The above mentioned contact point(s)

Specifications and additional documents (including documents for competitive dialogue and a dynamic purchasing system) can be obtained from: The above mentioned contact point(s)

Tenders or requests to participate must be sent to: The above mentioned contact point(s)

I.2) Type of the contracting authority

Regional or local authority

I.3) Main activity

Health

I.4) Contract award on behalf of other contracting authorities

The contracting authority is purchasing on behalf of other contracting authorities: no

Section II: Object of the contract

II.1) Description

II.1.1) Title attributed to the contract by the contracting authority:

Supply of Radio Frequency Identification Hardware with ISO/IEC 18000-6 Air Interface.

II.1.2) Type of contract and location of works, place of delivery or of performance

Supplies

Purchase

NUTS code DK

II.1.3) Information about a public contract, a framework agreement or a dynamic purchasing system (DPS)

The notice involves the establishment of a framework agreement

II.1.4) Information on framework agreement

Framework agreement with several operators

maximum number of participants to the framework agreement envisaged: 5

Duration of the framework agreement

Duration in years: 8

Justification for a framework agreement, the duration of which exceeds four years: The products will be used for implementation of a software solution on automatic identification and traceability, see item II.1.5 below.

The software solution will be implemented in hospitals/hospital buildings that are under construction and are expected to be under construction at least until 2019. It is necessary for the contracting authority to have access to the same products throughout the entire construction period of the buildings in which the solution is to be implemented.

II.1.5) Short description of the contract or purchase(s)

In the first half of 2013 Central Denmark Region – on behalf of all 5 Danish regions – has carried out a Design Contest concerning a software solution on it-support of automatic identification and traceability of items and people in hospitals. On the basis of the Design Contest and subsequent negotiations a framework agreement concerning a software solution on it-support of automatic identification and traceability of items and people in hospitals has been concluded. All 5 Danish regions are parties to the framework agreement. Concurrently with the conclusion of the framework agreement, a specific supply agreement has been entered into on the delivery of the mentioned software solution to DNU (the New University Hospital in Aarhus). The contracting authorities are under no obligation to enter into other supply agreements under the framework agreement but are entitled to do so.

In order to be able to implement the above mentioned software solution, it is necessary for Central Denmark Region (and other regions that may choose to purchase the software solution) to purchase certain hardware. This tender procedure concerns the supply of UHF Radio Frequency Identification (RFID) Hardware for the above mentioned solution.

All five Danish regions will be parties to the framework agreement on the supply of UHF Radio Frequency Identification (RFID) Hardware which will be a non-exclusive agreement. Concurrently with the conclusion of the framework agreement, a specific supply agreement will be entered into on the supply of the products to DNU. For more information on DNU, please follow this link: <http://www.dnu.rm.dk/english/facts+about+dnu>

To cover the needs of UHF RFID hardware within the diversity of a top-modern hospital, this tender is divided into 6 lots. This is to ensure that anything from consumables to high-value assets, persons, beds, medical equipment etc. is covered with regards to an UHF RFID based infrastructure.

The contract is divided into 6 lots:

1. UHF RFID-readers, medium performance (1 supplier will be awarded a framework agreement)
2. UHF RFID-readers, high performance (1 supplier will be awarded a framework agreement)
3. Antennas (1 supplier will be awarded a framework agreement)
4. Cables between RFID readers and Antennas (1 supplier will be awarded a framework agreement)
5. UHF Tags for blood bags (3 suppliers will be awarded a framework agreement)
6. UHF Tags (5 suppliers will be awarded a framework agreement)

In Annex B the contracting entity shall elaborate on the expected content of the above mentioned lots in order for applicants to be able to assess whether their products will be relevant to this tender. The final and more detailed specifications will be included in the tender documents that will be dispatched to the prequalified tenderers upon conclusion of the prequalification process.

It is expected that all applicable standards and regulations are applied for each of the above lots.

It should be noted that part of the technical specifications for the products of the tender will be based on the Technical Memorandum by DELTA, see Appendix 5 to the prequalification material. Therefore, the contracting

entity requests that the applicants study the said memorandum closely in order to assess whether their products are relevant to the current tender.

The prequalification material is found on the following link: www.udbud.rm.dk

II.1.6) **Common procurement vocabulary (CPV)**

72300000, 31300000

II.1.7) **Information about Government Procurement Agreement (GPA)**

The contract is covered by the Government Procurement Agreement (GPA): yes

II.1.8) **Lots**

This contract is divided into lots: yes

Tenders may be submitted for one or more lots

II.1.9) **Information about variants**

Variants will be accepted: no

II.2) **Quantity or scope of the contract**

II.2.1) **Total quantity or scope:**

The contracting entity has attempted to estimate the expected quantity of products that will be purchased for DNU. Quite a few decisions remain to be made in connection with the implementation of the it-solution on automatic identification and traceability. Consequently, the below estimates of quantities are subject to uncertainty. Furthermore, the below estimated quantities only concern DNU as it is yet uncertain if others than DNU will make use of the framework agreement.

1. UHF RFID-readers, medium performance: Approximately 1 075
2. UHF RFID-readers, high performance: Approximately 1 075
3. Antennas: Approximately 4 300
4. Cables between RFID readers and Antennas: Approximately 4 300
5. UHF Tags for blood bags: Approximately 200 000 to 250 000 per year
6. UHF Tags: Approximately 100 000 to 200 000 tags divided approximately as follows:
 - a. 1 000 to 1 500 temperature tags
 - b. 2 000 to 3 000 highly durable tags
 - c. 10 000 to 20 000 personnel tags
 - d. 100 000 to 200 000 standard tags
 - e. as well as a large number of tags for hospital uniforms*

*Tags for hospital uniforms:

Central Denmark Region is preparing to substitute all current hospital uniforms. New uniforms have been designed and a tender for the fabrication and purchase of the new uniforms is in preparation. In order to facilitate logistical management of the uniforms, tags are to be incorporated into the new uniforms. Certain aspects of the uniform project remain to be clarified, such as the final number of styles of the collection. Consequently, a qualified estimate of the number of uniforms to be fabricated and purchased is not yet possible. However, the following information could serve as an indication of the quantities of uniform tags to be expected:

Number of full-time employees in Central Denmark Region's hospitals (November 2012):

Nurses 7 921

Doctors 3 184

Other uniformed hospital employees Approx 6 000

II.2.2) **Information about options**

Options: no

II.2.3) **Information about renewals**

This contract is subject to renewal: yes

Number of possible renewals: 2

In the case of renewable supplies or service contracts, estimated timeframe for subsequent contracts:
in months: 24 (from the award of the contract)

II.3) **Duration of the contract or time limit for completion**

Duration in months: 66 (from the award of the contract)

Information about lots

Lot No: 1

Lot title: UHF RFID-readers, medium performance

1) **Short description**

Medium performance UHF RFID-readers are entities that have a basic capability to read - and optionally write - to UHF RFID tags. They do not necessarily have any logic or processor capabilities in relation to data processing, but should be able to pass readings to a higher level system through communication lines such as e.g. Serial, USB, LAN or WIFI etc.

2) **Common procurement vocabulary (CPV)**

72300000

3) **Quantity or scope**

Approximately 1 075 readers

4) **Indication about different date for duration of contract or starting/completion**

5) **Additional information about lots**

Lot No: 2

Lot title: UHF RFID-readers, high performance

1) **Short description**

High performance UHF RFID-readers are intelligent entities that do have some kind of built-in data processing capability in regard to reading - and optionally writing - to UHF RFID tags. The built-in data processing capability will be able to process tag data based on software/logic put into the readers processing capability. Examples could be RFID readers with internal storage and an operating system that will accept software agents onboard, to process data. Communication to higher level systems could be through e.g. LAN or Wifi.

2) **Common procurement vocabulary (CPV)**

72300000

3) **Quantity or scope**

Approximately 1 075 readers

4) **Indication about different date for duration of contract or starting/completion**

5) **Additional information about lots**

Lot No: 3

Lot title: Antennas

1) **Short description**

Antennas will be of different shapes and sizes to fit both physical surroundings and Radio Frequency demands. Antennas will be activated and controlled by the UHF RFID Reader.

2) **Common procurement vocabulary (CPV)**

72300000

3) **Quantity or scope**

Approximately 4 300 antennas

4) **Indication about different date for duration of contract or starting/completion**

5) **Additional information about lots**

Lot No: 4

Lot title: Cables between RFID readers and antennas

1) **Short description**

Cables in terms of cables necessary to connect antennas to readers, are in a separate lot since it is believed that each reader installed will require custom cables to accommodate minimum signal loss, installation environment and building physics. Terms as signal loss, heat resistance, single or multi-core will be relevant in this lot. Confection of cables on-site are among the desired capabilities of respondents to this lot.

Attention to cables' flexibility, bending radius, fire- and heat hazard rating are among the expected fields of description in this lot.

2) **Common procurement vocabulary (CPV)**

31300000

3) **Quantity or scope**

Approximately 4 300 cables

4) **Indication about different date for duration of contract or starting/completion**

5) **Additional information about lots**

Lot No: 5

Lot title: UHF tags for blood bags

1) **Short description**

Tags for blood bags are a special area of focus, and it is a particularly sensitive consumable in terms of receiving, handling, storing and transporting. Tags for liquid/blood are specific application tags and volumes of these tags will be high.

Tags offering sensors and data logging capabilities could be relevant. It should be taken into consideration that these bags may be stacked or otherwise stored, handled and transported in batches, which can influence the tags' performance and read-ability.

2) **Common procurement vocabulary (CPV)**

72300000

3) **Quantity or scope**

Approximately 200 000 to 250 000 tags per year

4) **Indication about different date for duration of contract or starting/completion**

5) **Additional information about lots**

Lot No: 6

Lot title: UHF tags

1) **Short description**

Tags will be of different layouts, some are very specialised towards a specific application, whereas others are more general in application usage. The use-cases for tags within a hospital will cover anything from consumables to high-value assets, from patients to employees and anything in between; hence certain diversity in tags from respondents is desirable.

2) **Common procurement vocabulary (CPV)**

72300000

3) **Quantity or scope**

Approximately 100 000 to 200 000 tags divided approximately as follows:

- a. 1 000 to 1 500 temperature tags
- b. 2 000 to 3 000 highly durable tags
- c. 10 000 to 20 000 personnel tags
- d. 100 000 to 200 000 standard tags
- e. as well as a large number of tags for hospital uniforms*

*Tags for hospital uniforms:

Central Denmark Region is preparing to substitute all current hospital uniforms. New uniforms have been designed and a tender for the fabrication and purchase of the new uniforms is in preparation. In order to facilitate logistical management of the uniforms, tags are to be incorporated into the new uniforms. Certain aspects of the uniform project remain to be clarified, such as the final number of styles of the collection. Consequently, a qualified estimate of the number of uniforms to be fabricated and purchased is not yet possible. However, the following information could serve as an indication of the quantities of uniform tags to be expected.

Number of full-time employees in Central Denmark Region's hospitals (November 2012):

Nurses 7 921

Doctors 3 184

Other uniformed hospital employees Approx 6 000

4) **Indication about different date for duration of contract or starting/completion**

5) **Additional information about lots**

Section III: Legal, economic, financial and technical information

III.1) **Conditions relating to the contract**

III.1.1) **Deposits and guarantees required:**

None

III.1.2) **Main financing conditions and payment arrangements and/or reference to the relevant provisions governing them:**

Such conditions will be stated in the tender documents.

III.1.3) **Legal form to be taken by the group of economic operators to whom the contract is to be awarded:**

If the application is submitted by a consortium, the application must include a declaration whereby all participants of the consortium have assumed direct, unlimited and joint and several liability and whereby one participant of the consortium has been duly authorised to unrestrictedly bind the other participants of the consortium by such participant's sole signature.

The declaration is to be enclosed as Appendix 2D (see the prequalification material). In addition, the application must be accompanied by the information required under sections 1.8.1 - 1.8.3 of the prequalification material with respect to all participants of the consortium. If such information is not included, or is not fully sufficient, for one participant of the consortium, the application will not necessarily be regarded as non-compliant, but any such failure to include this information may influence the prequalification evaluation process.

III.1.4) **Other particular conditions**

The performance of the contract is subject to particular conditions: no

III.2) **Conditions for participation**

III.2.1) **Personal situation of economic operators, including requirements relating to enrolment on professional or trade registers**

Information and formalities necessary for evaluating if the requirements are met: — Company name, address and company reg. no., telephone no., e-mail address, name of contact person with the applicant, and information on which lot(s) the application for prequalification concerns, see Appendix 1 of the prequalification material.

— Information on the company's corporate form, see Appendix 2 of the prequalification material.

— Solemn declaration concerning unpaid public debts pursuant to Consolidation Act no. 336 of 13 May 1997, see Appendix 3A of the prequalification material.

— Solemn declaration in accordance with ss. 10 and 11 of the Executive Order on Public Procurement (Executive Order no. 712 of 15 June 2011), confirming that the applicant is not subject to any of the exclusion scenarios mentioned in Article 45 of Directive 2004/18/EC, see Appendix 3B of the prequalification material. The contracting entity reserves the right, prior to the conclusion of the agreement, to request a declaration of service from the Danish Business Authority or other valid documentation stating that the applicant is not subject to any of the exclusion scenarios described in Article 45(2) (a) (b) (c) (e) and (f) of the Public Procurement Directive.

III.2.2) **Economic and financial ability**

Information and formalities necessary for evaluating if the requirements are met: — Annual accounts for the most recent accounting year, alternatively a declaration signed by the applicant's auditor stating the applicant's financial key figures for the most recent three accounting years including turnover, result after tax, balance sheet and equity capital. To be enclosed as Appendix 2A.

— If the applicant's most recent financial year has ended more than 6 months prior to the deadline for submission of application for prequalification: Declaration on the extent to which material changes have occurred in the company's financial situation since the company's most recent financial year ended. If material changes have occurred in the company's financial situation, such changes must be accounted for in the said declaration. The declaration must be made by the bank, auditor, the CEO or CFO of the company under the penalty of s. 163 of the Danish Penal Code (straffeloven). The declaration is made for the purpose of this prequalification and must therefore be dated after the date of publication of the prequalification/contract notice. The declaration must describe the applicant's financial situation in the period from the end of the most recent financial year and until the declaration is made. Please note that the said declaration must be enclosed irrespective of whether material changes have occurred. To be enclosed as Appendix 2B.

— If, for the prequalification evaluation process, the applicant wishes emphasis to be put on the financial capacities of suppliers, the application must be accompanied by a declaration confirming that the relevant supplier agrees to assume joint, several and unlimited liability with the applicant. The declaration is to be enclosed as Appendix 2C of the prequalification material. Applications must also be accompanied by the information required under sections 1.8.1 - 1.8.3 of the prequalification material with respect to such suppliers. If such information is not included, or is not fully sufficient, for a supplier, the application will not necessarily be regarded as non-compliant, but any such failure to include this information may influence the prequalification evaluation process.

III.2.3) **Technical capacity**

Information and formalities necessary for evaluating if the requirements are met:

— General business description, including a description of consultant capacity, implementation support, education and training, and existence of user groups. The description is to be provided in Appendix 2 of the prequalification material.

— Information on number of employees of the company. Information on how many of these work in the company's research and development team focusing on RFID development, stating to which professions/line of work they belong. The information is to be provided in Appendix 2 of the prequalification material.

— Description of the applicant's references from comparable or similar assignments. References should state client names, including contact details, scope of assignment (contract prices), description of the applicant's delivery and delivery period (status). The description of the applicant's referees is expected to document the applicant's qualifications within the fields of the specified products and hospitals, see clause 1.9 of the prequalification material. The description is to be enclosed as Appendix 4 of the prequalification material.

— The contracting entity reserves the right to contact the referees stated. The contracting entity also reserves the right to contact other public contracting entities which within the past three years have concluded contracts with the applicant for similar contracts, irrespective of whether these are stated on the list of referees enclosed by the applicant.

The referee will be requested to answer the following questions:

— Has the implementation of the contract been effected satisfactorily?

— Has the contract been performed satisfactorily?

— Has the follow-up on any defects and changes been satisfactory and are requests from the contracting entity swiftly reacted to and are errors and defects swiftly remedied?

— Is the current communication with the supplier satisfactory?

— Does the supplier comply with its own quality descriptions?

— Description of any sub-suppliers and business partners stating company name, address as well as contact persons. The information is to be provided in Appendix 2 of the prequalification material.

— Description of the applicant's quality control system on a general level, including any certifications. The applicant is requested to limit this description to a maximum of 4 pages. The description is to be provided in Appendix 2 of the prequalification material.

— If, for the prequalification evaluation process, the applicant wishes emphasis to be put on the technical capacities of suppliers, the application must be accompanied by a declaration confirming that the relevant supplier agrees to make its technical capacities available to the applicant for completion of the project. The declaration is to be enclosed as Appendix 2C of the prequalification material. Applications must also be accompanied by the information required under sections 1.8.1 - 1.8.3 of the prequalification material with respect to such suppliers. If such information is not included, or is not fully sufficient, for a supplier, the application will not necessarily be regarded as non-compliant, but any such failure to include this information may influence the prequalification evaluation process.

III.2.4) **Information about reserved contracts**

III.3) **Conditions specific to services contracts**

III.3.1) **Information about a particular profession**

III.3.2) **Staff responsible for the execution of the service**

Section IV: Procedure

IV.1) **Type of procedure**

IV.1.1) **Type of procedure**

Restricted

IV.1.2) **Limitations on the number of operators who will be invited to tender or to participate**

Envisaged minimum number 5: and maximum number 10

Objective criteria for choosing the limited number of candidates: The contracting authority will for each of lots no. 1-5 select 5 applicants who will be invited to submit a tender. 10 applicants will be selected and invited to submit a tender for lot no. 6. The same applicant may be invited to submit a tender on one or more lots.

The successful applicants will be selected among the applicants that undoubtedly possess sufficient financial and technical capacities to be able to perform the assignment for which tenders are invited. If this group of

applicants consists of more than 5 applicants for each lot (more than 10 for lot no. 6) the successful applicants will be selected on the basis of an evaluation of the information provided in relation to technical capacity. The 5 (10 for lot no. 6) applicants who are assessed to have submitted documentation of the best and most relevant references concerning the relevant lot will be selected. Priority will be given to references specifically concerning the specified products delivered to hospitals and references involving large-scale supply of the specified products.

IV.1.3) Reduction of the number of operators during the negotiation or dialogue

IV.2) Award criteria

IV.2.1) Award criteria

The most economically advantageous tender in terms of the criteria stated in the specifications, in the invitation to tender or to negotiate or in the descriptive document

IV.2.2) Information about electronic auction

An electronic auction will be used: no

IV.3) Administrative information

IV.3.1) File reference number attributed by the contracting authority:

1-23-4-82-3-13

IV.3.2) Previous publication(s) concerning the same contract

no

IV.3.3) Conditions for obtaining specifications and additional documents or descriptive document

Payable documents: no

IV.3.4) Time limit for receipt of tenders or requests to participate

17.10.2013 - 10:00

IV.3.5) Date of dispatch of invitations to tender or to participate to selected candidates

IV.3.6) Language(s) in which tenders or requests to participate may be drawn up

Danish. English.

IV.3.7) Minimum time frame during which the tenderer must maintain the tender

IV.3.8) Conditions for opening of tenders

Section VI: Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: no

VI.2) Information about European Union funds

The contract is related to a project and/or programme financed by European Union funds: no

VI.3) Additional information

The prequalification material is available at www.udbud.rm.dk

The following copies of the application must be submitted:

- 1 signed original in paper form, including all Appendices

The contracting entity should also like to receive the following additional copies of the application:

- 5 paper versions marked 'Copy' containing copies of the entire application including Appendices.

- 1 USB key containing the entire application. The USB key should be marked with the applicant's name as well as the text 'Application concerning Identification Hardware'.

- The applicant is responsible for the USB contents being correct and identical with the documents submitted in writing. If this is not the case, the paper version will be applicable. If, by a mistake, a document is not included in the original paper version, but is available in the electronic copy, this is not deemed to be inconsistency.

- The USB key should not be read-only out of regard for the further processing thereof.

The application must be submitted in a closed package and the envelope/package containing the entire application (original, copy as well as USB key) must be clearly marked with the following text:

'Application concerning tender procedure on Identification Hardware
Confidential

Must not be opened by the postal services'

The contracting entity urges the applicants to ask clarifying questions if the applicants have doubts about the construction of the prequalification material. Any questions may be posed in writing and in English or Danish and be sent by email to the contact person of the contracting entity, see section I.1.

All questions including answers thereto will be published in anonymous form at www.udbud.rm.dk If possible, this will take place on a current basis. Subsequently, any questions and answers will be included as part of the prequalification material. Consequently, the applicants are requested to keep themselves informed of this tender procedure at www.udbud.rm.dk

The expected time schedule for the tender process is included in the prequalification material.

In relation to section III.3.2, please note that the prequalified tenderers must submit certain information concerning employees' skills and competences along with their tender (see section 1.10 of the prequalification material). Further details in this connection will be included in the tender documents.

VI.4) **Procedures for appeal**

VI.4.1) **Body responsible for appeal procedures**

Klagenævnet for Udbud (Complaints Board for Public Procurement)

Langelinie Allé 17

2100 København Ø

DENMARK

Internet address: <http://www.klfu.dk>

VI.4.2) **Lodging of appeals**

Precise information on deadline(s) for lodging appeals: Any complaints about the prequalification procedure must be lodged no later than 20 calendar days running from the day after the date when the contracting entity has forwarded a notice to the applicant. Any complaints about the tender procedure must be lodged no later than 6 months after the contracting entity has notified the tenderers informing them to whom the framework agreement has been awarded. No later than concurrently with the lodging of a complaint with the Complaints Board for Public Procurement the claimant must notify the contracting entity in writing that a complaint will be lodged with the Complaints Board for Public Procurement and whether the complaint has been lodged in the standstill period. In the event that a complaint has not been lodged in the standstill period, the claimant must also state whether a suspensory effect is sought. Complaints must be accompanied by a fee of DKK 10 000.

VI.4.3) **Service from which information about the lodging of appeals may be obtained**

Konkurrence- og Forbrugerstyrelsen

Carl Jacobsens Vej 35

2500 Valby

DENMARK

E-mail: kfst@kfst.dk

Telephone: +45 41715000

Internet address: <http://www.kfst.dk>

Fax: +45 41715100

VI.5) **Date of dispatch of this notice:**

16.9.2013