

**Denmark-Copenhagen: Tramway works**  
**OJ S 217/2015 10/11/2015**  
**Contract notice – utilities**  
**Works**

**Directive 2004/17/EC**

**Section I: Contracting entity**

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**I.1. Name and addresses**

Official name: Hovedstadens Letbane (Ring 3 Letbane I/S)

Postal address: Metrovej 5

Town: Copenhagen S

Postal code: 2300

Country: Denmark

For the attention of: Carsten Larsen

E-mail: [cla@m.dk](mailto:cla@m.dk)

Telephone: +45 40631014

**Internet address(es):**

General address of the contracting entity: <http://www.m.dk>

**Additional information can be obtained from:**

the abovementioned address

**Specifications and additional documents (including documents for a dynamic purchasing system) can be obtained from:** the abovementioned address

**Tenders or requests to participate must be submitted:** the abovementioned address

**I.2. Main activity**

Urban railway, tramway, trolleybus or bus services

**I.3. Contract award on behalf of other contracting entities**

The contracting entity is purchasing on behalf of other contracting entities: no

**Section II: Object of the contract**

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**II.1. Description**

**II.1.1. Title attributed to the contract by the contracting entity**

Letbane på Ring 3 (Light Rail on Ring 3) — Transportation System.

**II.1.2. Type of contract and place of performance or delivery**

Works

Design and execution

Main site or place of performance: Along the road Ring 3 and at the contractors productions facilities.

NUTS code

**II.1.3. Information about a framework agreement or a dynamic purchasing system**

The notice involves a public contract

**II.1.4. Information about framework agreement**

**II.1.5.**

## Short description of the contract or purchase(s)

Contracting entity (the owners):

The Danish Government, The Capital Region of Denmark and 11 municipalities (Lyngby-Taarbæk, Gladsaxe, Herlev, Rødovre, Glostrup, Albertslund, Brøndby, Høje-Taastrup, Hvidovre, Vallensbæk, Ishøj) have agreed to construct a Light Rail on Ring 3 and formed the partnership 'Hovedstadens Letbane'.

Formally 'Ring 3 Letbane I/S' will be the contracting entity. After a construction law is passed in the Parliament the name will be changed to Hovedstadens Letbane (HL).

The project:

The 'Letbane på Ring 3' will have 28 stations on a 28 kilometre double track from Lundtofte in the North to Ishøj in the South.

Frequent services at 5 minute intervals on weekdays make the light rail an attractive public transport solution.

The light rail is expected to carry 13 000 000 — 14 000 000 passengers a year. The number may increase to 17 000 000 — 18 000 000, as the area along the line gradually develops.

Contract structure:

The contract structure will be:

- A. 5 contracts for Civil Works including roads, bridges and other complex structures
- B. 1 contract for Transportation System (TS) including Stations, Substations and CMC (CMC Building contractor as nominated subcontractor, cf. below). The TS contractor will be subcontractor to the O&M contractor for part of the maintenance
- C. 1 contract for Control and Maintenance Centre (CMC) Building (the contractor will be transferred to the TS Contractor as a nominated subcontractor)
- D. 1 contract for Operation & Maintenance (O&M). The TS contractor will be subcontractor for part of the maintenance.

Further information on the project and the contract structure is available in the document 'Information about the public procurement process' (hereinafter referred to as 'infodocument'), which can be downloaded from [www.bascon.dk/da/udbud](http://www.bascon.dk/da/udbud)

Present contract notice:

The present contract notice comprises the Transport System contract.

Scope of work in the TS contract:

The contract for Transport System (TS) includes design, supply and installation of all TS works and supply of a complete light rail system:

- Rolling Stock: Passenger vehicles and Service vehicles.
- Control and Maintenance Centre (CMC) with stabling, control room, train wash, workshop with all required equipment for maintaining and operating the system (CMC Building as a nominated subcontractor, cf. above).
- Supply and installation of all Stations and Substations.
- Act as the system integrator during all phases.

The contract further includes part of maintenance of the TS equipment for a period of 15 years after start of commercial operation. The split will be detailed in the tender documents.

The transportation system shall be designed in accordance with the German BOStrab regulations. All equipment and systems will be similar to those found on equivalent modern European light rail networks.

Transport System infrastructure element of the TS contract includes Permanent Way (Track), Traction Power, Power Supply, SCADA, Intermodal Transport Control System (ITCS), Passenger Security and Information System (PSIS), Control Room, Radio and Communication, Signalling, CMC Equipment, Stations and Traction.

Substations for each 2 km line transforming 10 kV AC to 750 V DC. Scope includes building with all technical equipment as well as access road and area around building. Traction Power

will be a 750 V DC overhead system with traction return through the rails. A dedicated 10 kV ring fed from 3 connections to the D.O.N.G. grid will supply the Traction Power and 400 V AC network. Substations will furthermore house SCADA and communication equipment.

Permanent Way (Track) will include the track super structure and be twin track, standard steel rails, 1 435 mm gauge, approx. 80 % ballasted and 20 % slab track (embedded grooved rail).

PSIS will be at fixed installations at stations as well as on the Light Rail vehicles (LRV).

Voice and data transmission will be provided via a fibre network, radio, Wi-Fi and mobile technology.

The signalling system will be based on the fundamental principles of driving by sight, but with interlocking system at a few locations.

Road junction interfaces will be by local LRV detection providing a request for priority to the local signal traffic controller.

Design to a more detailed level of the stations will form part of the tender documents.

Rolling stock is anticipated to be 27 units, bi-directional vehicles, 100 % low floor, 2.65 m wide and between 30 m and 35 m long standard light rail vehicles. Passenger vehicles shall be capable of operating 130 000 km/year with high reliability.

#### **II.1.6. CPV code(s)**

45234121 Tramway works, 45234128 Tramway platforms construction work, 34620000 Rolling stock, 34621200 Railway maintenance or service vehicles, 50220000 Repair, maintenance and associated services related to railways and other equipment

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

The procurement is covered by the Government Procurement Agreement: yes

#### **II.1.8. Information about lots**

This contract is divided into lots: no

#### **II.1.9. Information about variants**

Variants will be accepted: no

### **II.2. Scope of the procurement**

#### **II.2.1. Total quantity or scope**

#### **II.2.2. Information about options**

Options: yes

Description of options: 1 option comprises to change Track Form Ballast to Track Form Slab Track (embedded grooved rail) partly or in total.

1 option comprises grass track (slab track).

Options for 1, 2 or 3 extra LRV.

Options for 1 or 2 extra substations.

Provisional timetable for recourse to these options:

in months: 12 (from the award of the contract)

#### **II.2.3. Information about renewals**

This contract is subject to renewal: no

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

Duration in months: 60 (from the award of the contract)

## **Section III: Legal, economic, financial and technical information**

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### **III.1. Conditions related to the contract**

#### **III.1.1. Deposits and guarantees required**

Will be stated in the tender documents.

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

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**

A group of economic operators must be jointly and severally liable for the performance of the contract. A declaration to this effect must be submitted if a tender is submitted.

#### **III.1.4. Contract performance conditions**

The performance of the contract is subject to particular conditions: yes

Description of particular conditions: The TS Contract will be based on an AB/SB document (HL supplement and changes to ABT 93) for the works and a special M SB for the maintenance based on functional requirements. All contracts will in the AB/SB documents contain labor and social clauses, requirements in relation to health and safety and requirements in relation to working environment, etc.

### **III.2. Conditions for participation**

#### **III.2.1. Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers**

List and brief description of conditions: 1) The request for participation must be submitted in three copies of the same wording and a digital copy on a USB. Organisation of the application in accordance with the structure of this announcement will be highly appreciated.

2) The request must include a description of the Applicant.

The description must include:

- a general description of the company/companies forming the Applicant;
- a description of the role of the company/companies forming the Applicant;
- a general description of each third party (e.g. consultant or subcontractors) the Applicant base the application on (if any);
- a description of the role of each third party the Applicant base the application on (if any).

3) The request must specify the phone number; e-mail address and name of contact person for the Applicant.

4) According to Consolidation Act No. 336 of 13 May 1997, the applicant must enclose a solemn declaration in respect of due, unpaid debt to the authorities.

5) The request must also be accompanied by a solemn declaration to the effect that the applicant is not excluded from participating in the tender procedure for reasons specified in Article 54 (4), second sentence (corresponding to the Public Procurement Directive, Article 45 (1)), and that the applicant is not excluded from participating in the tender procedure for reasons covered by the Public Procurement Directive, Article 45 (2), letters a, b, c, e and f.

Formality:

If the request for participation comes from a consortium / JV, the abovementioned information in nos. 4-5 must be given for each participant in the consortium / JV.

A paradigm for the solemn declarations mentioned in nos. 4 and 5 above is available at [www.bascon.dk/da/udbud](http://www.bascon.dk/da/udbud)

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

List and brief description of conditions: 6) The request must be accompanied by information on the Applicant's economic key figures for the 3 last available years as follows:

- turnover;
- profit/loss for the year after taxation;
- equity capital;
- total assets.

The information may be given as a table, dated and signed by the applicant, HL would prefer not to receive annual reports.

HL reserves the right to obtain audited annual reports upon request.

Formality:

If the request for participation comes from a consortium, the above mentioned information must be submitted for each participant of the consortium.

If the application is based on economic and financial capacity of a third party (e.g. a parent company):

- the above mentioned information in section III.2.2 must also be enclosed for such third party;
- an availability declaration from the third party must be enclosed, cf. Article 54 (5) of the Utilities Directive.

No availability declaration is needed if the application is based solely on the applicant's own economic and financial capacity.

A template for the availability declaration is available at <http://www.bascon.dk/da/udbud>

Minimum requirements regarding economic and financial capacity:

There must be no risk worth mentioning that for financial reasons the applicant will not be able to complete the task in a satisfactory way.

### **III.2.3. Technical and professional ability**

List and brief description of conditions: 7) The application must be accompanied by references for comparable assignments to the 1 put out to tender.

Each reference may contain a description of the nature of each project, the client, a contact person if available, the physical and financial size of the project, the work performed by the applicant and the timeframe in which the project was carried out. Comparable reference projects may include the following key features:

- a) Design, construction and project management of light rail or tramway projects.
- b) All subsystems and supply of rolling stock.
- c) Performance in an urban and complex stakeholder environment.
- d) Safety approval handling (CSM-RA).
- e) Collaboration with other (non-team) contractors.
- f) Traffic management.
- g) Authority approvals handling.
- h) Occupational health and safety incl. safety statistics.

HL wants a maximum of 10 references per company (company/companies forming the Applicant and every third party (if any)). Each company is requested to choose his 10 most relevant references.

8) The request must be accompanied by information about the applicant's approximate number of employees who have been involved in comparable assignments within the last 3 years.

Formality:

- If the request for participation comes from a consortium, the above mentioned information in Nos 7 and 8 are must be given for each participant of the consortium.
- If the application is based on technical capacity from a third party (e.g. a consultant or a

subcontractor):

- i) the above mentioned information in Nos 7 and 8 must also be given for the third party;
- ii) an availability declaration signed by the third party must be enclosed, cf. Article 54 (6) of the Utilities Directive.

— A template for the availability declaration is available at <http://www.bascon.dk/da/udbud>  
Minimum Requirement regarding technical capacity:

The applicant must document solid experience with — and competence for — solving assignments comparable to the one offered for tender. The assessment will include the total documented experience in the references submitted.

#### **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. Information about staff responsible for the performance of the contract**

### **Section IV: Procedure**

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#### **IV.1. Type of procedure**

##### **IV.1.1. Type of procedure**

Negotiated

Some candidates have already been selected (if appropriate under certain types of negotiated procedures): no

#### **IV.2. Award criteria**

##### **IV.2.1. Award criteria**

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

##### **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 entity**

##### **IV.3.2. Previous publication concerning this procedure**

**Periodic indicative notice**

Notice number in the OJ S: [2015/S 179-325879](#) of 16.9.2015

##### **IV.3.3. Conditions for obtaining specifications and additional documents**

(except for a DPS)

Payable documents: no

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

21.12.2015 - 12:00

##### **IV.3.5. Languages in which tenders or requests to participate may be submitted**

English.

##### **IV.3.6. Minimum time frame during which the tenderer must maintain the tender**

### IV.3.7. Conditions for opening of tenders

#### Section VI: Complementary information

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##### VI.1. Information about recurrence

This is a recurrent procurement: no

##### VI.2. Information about European Union funds

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

##### VI.3. Additional information

Four Tenderers for the TS contract will be selected from among the applicants that comply with the minimum requirements of item III.2 of the contract notice.

The selection of Tenderers will be based on an overall assessment of how the contracting authority can obtain the most attractive tenders. This overall assessment comprises the below items A, B and C in prioritized order:

A) An assessment of technical capacity and competence on the basis of information requested in item III.2.3 of the contract notice.

The evaluation will prioritize the following (in no specific order):

— Light Rail Transit (LRT) projects.

— In street running systems.

— Most recent projects.

— 'built and in operation' or 'near to completion — 1 year to go to the planned start of the operation' projects.

— Including all subsystems and supply of rolling stock as mentioned in the scope of work.

B) An assessment of whether the Applicants organization including third parties (if any) is suitable for carrying out the assignment put out to tender.

C) An assessment of the economic and financial capacity of the Applicant.

A tender fee will be paid to Tenderers submitting an original tender, which the Employer not are obliged to reject.

If an entity consist of several companies (e.g. a consortium), during the tendering procedure (i. e. at any point in time prior to contract award) requests for a change in the entity's composition; this can only take place subject to HL's prior written acceptance. A change in composition is for instance if one of the entity members leaves the entity, or if any entity members is substituted by another company.

When assessing whether to grant a change in composition, HL will consider the character and extent of the desired change. Among other, this consideration will place emphasis on whether the entity would have been prequalified, if the change in composition had been known prior to prequalification.

If an Applicant, who have relied on economic and financial capacity or technical capacity of a third party, wants to substitute or remove this third party during tendering procedure, this can only take place subject to HL's prior written acceptance.

When assessing whether to accept the change, HL will consider the character and extent of the desired change. Among other, this consideration will place emphasis on whether the entity would have been prequalified, if the substituting third party had been known had been known prior to prequalification or the removed third party had been known had been known prior to prequalification.

The tender documents will contain provisions dealing with changes as described above which takes place after contract award.

Questions (if any) from potential applicants will be answered and the answers uploaded to [www.bascon.dk/da/udbud](http://www.bascon.dk/da/udbud)

HL may be obliged to reject an application if not all information required in section III.2 is submitted. The applicant alone has the risk of having the application rejected if the application does not include all required information in section III.2.

Regarding additional information in respect of other issues than selection criteria of tenderers, reference is made to the above mentioned infodocument.

#### **VI.4. Procedures for review**

##### **VI.4.1. Review body**

Official name: Klagenævnet for Udbud  
Postal address: Dahlerup Pakhus, Langelinie Allé 17  
Town: Copenhagen Ø  
Postal code: 2100  
Country: Denmark  
E-mail: [klfu@erst.dk](mailto:klfu@erst.dk)  
Telephone: +45 32591000  
Internet address: [www.klfu.dk](http://www.klfu.dk)

##### **VI.4.2. Review procedure**

Precise information on deadline(s) for review procedures: Complaints against not being prequalified shall be lodged to Klagenævnet for Udbud no later than 20 calendar days from the day after the day the contracting entity has sent a notification to the affected applicants. Complaints in respect of other issues than not being prequalified shall be lodged to Klagenævnet for Udbud no later than 45 calendar days after the award of contract has been published in TED.

##### **VI.4.3. Service from which information about the review procedure may be obtained**

Official name: Konkurrence- og Forbrugerstyrelsen  
Postal address: Carl Jacobsens Vej 35  
Town: Valby  
Postal code: 2500  
Country: Denmark  
E-mail: [kfst@kfst.dk](mailto:kfst@kfst.dk)  
Telephone: +45 41715000  
Internet address: [www.kfst.dk](http://www.kfst.dk)

##### **VI.5. Date of dispatch of this notice**

5.11.2015