

**ECB - T108 – technical building equipment (TBE) in the
electrical field for the new ECB premises (D-Frankfurt-on-Main)**

2009/S 56-079773

Contract notice

Section I: Contracting authority

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

European Central Bank, attention: Mr Horst Roman-Müller, Kaiserstraße 29, 60311 Frankfurt am Main, GERMANY. Tel. +49 691344-0, (central switchboard). Fax +49 691344-6000, (central fax number). E-mail: neubau-ausschreibung@ecb.europa.eu

Internet address(es):

General address of the contracting authority: www.ecb.europa.eu

Address of the tender forum for new ECB premises procurement: www.ausschreibung.ezb-neubau.de

Interested companies must register in the forum and download the application form and complementing forms.

Further information can be obtained from:

Aforementioned contact points.

Specifications and additional documents (including documents for competitive dialogue and a dynamic purchasing system) can be obtained from:

Aforementioned contact points.

Tenders or requests to participate must be sent to:

Aforementioned contact points.

I.2) Type of contracting authority and main activity or activities:

European institution/agency or international organisation.

Economic and financial affairs.

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:

T108 – technical building equipment (TBE) in the electrical field for the new ECB premises.

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

Works.

Execution.

Main site or location of works: Frankfurt am Main, GERMANY.

NUTS code: DE 712.

II.1.3) The notice involves:

A public contract.

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

The European Central Bank (ECB) intends to build its new headquarters on the site of the former wholesale market hall in Frankfurt-on-Main, Germany. The services to be awarded comprise the works for the technical building equipment in the electrical field.

Further general information on the project is available in the tender forum (see section I.1 for the Internet address).

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

45300000, 45310000, 45311000, 45311100, 45311200, 45312000, 45312100, 45312310, 45314300, 45314310, 45314320, 45315300, 45315500, 45315600, 45315700, 45316000, 45316100, 45317000, 45317300.

II.1.7) **Contract covered by the Government Procurement Agreement (GPA):**

No.

Candidates from states that are parties to the GPA are invited to participate under the same conditions as candidates from EU Member States.

II.1.8) **Division into lots:**

Yes.

Tenders may be submitted for: 1 or more lots.

II.1.9) **Variants will be accepted:**

Yes.

Variants will be accepted under the conditions set out in the invitation to tender, which will be sent to the shortlisted candidates.

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

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

The contract scope comprises the works required for technical building equipment in the electrical field.

The construction works will be carried out at the high-rise building, the former wholesale market hall and the ancillary buildings.

The works are subdivided into the following lots:

lot 1 heavy-current installations, 10-kV medium-voltage systems, cables, protection technology.

Lot 2 heavy-current installations, 10-kV domestic power supply, emergency power system.

Lot 3 heavy-current installations, low-voltage main boards, energy-control system, busbars.

Lot 4 heavy-current installations, low-voltage installation systems, lighting, lightning protection, high-rise building.

Lot 5 heavy-current installations, low-voltage installation systems, lighting, lightning protection, wholesale market hall and ancillary buildings.

Lot 6 weak-current installations — electroacoustic systems, fire-alarm systems, early fire detection.

Lot 7 weak-current installations — guidance systems.

Lot 8 weak-current installations, security — cabling in field level.

Lot 9 passive network structures.

II.2.2) **Options:**

Yes.

Description of these options:

in lot 1: maintenance services.

In lot 2: maintenance services.

In lot 3: maintenance services.

Further options are listed in the specifications.

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

Duration in months: 41 (from contract award).

Performance time period: starting: 1.2011. Completion: 7.2013.

Details for each lot are shown in 'Information about lots' in this document.

Information about lots

Lot No 1

Title: heavy-current installations, 10-kV medium-voltage systems, cables, protection technology

1) **Short description:**

Lot 1 comprises the medium-voltage systems to be provided as part of the construction and reconstruction activities.

The double high-rise building with atrium extends to a height (excluding antenna) of approximately 185 m and to approximately 100 600 m² GFA.

The wholesale market hall including both wings covers an area of approximately 36 300 m² GFA (above ground) and is a listed building. Furthermore, 2 entrance buildings and a loading yard with a tunnel connection to the wholesale market hall will also be constructed on the project site.

The works will be carried out at the high-rise building, the existing wholesale market hall, the underground staff car park and the ancillary buildings.

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

45300000, 45310000, 45311000, 45311100, 45311200, 45315500.

3) **Quantity or scope:**

The contract scope comprises the construction works for the high-rise towers, the wholesale market hall and the ancillary buildings, mainly involving:

10-kV medium-voltage supply with 2 independent feeder units and receiving stations for the main network and backup network, and 8 medium-voltage stations for the internal ring supply. Approximately 23 transformers of 1 000 and 1 600 kVA.

Integration of the 10-kV domestic power supply via separate 10-kV switching stations and service-cable supply. Full cable and distribution network for 10-kV supply, protection technology and control in external and interior area, approximately 7 000 m of 10 kV-cables, partially with system-circuit integrity. Station equipment and documentation.

All aforementioned services include the relevant associated ancillary services.

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

Duration in months: 41 (from contract award).

Performance time period: starting: 1.2011. Completion: 7.2013.

5) **Additional information about lots:**

Selection criteria:

1. experience and expertise (reference projects) (75 %):

1.1. experience of comparable construction works (50 %);

1.1.1. construction experience of medium-voltage supply installations (over 3 MVA connection power), relating to the construction works in this lot (25 %);

1.1.2. construction experience of large (over approximately 30 000 m² GFA) and complex construction projects, relating to the construction works in this lot (25 %);

1.2. general construction experience of projects comparable with the ECB new premises project in terms of use, size, standard and complexity (25 %).

2. Resources (25 %):

2.1. staff (15 %);

2.1.1. total number of employees (5 %);

2.1.2. employment structure (10 %);

2.2. technical resources (10 %).

Lot No 2

Title: heavy-current installations, 10-kV domestic power supply, emergency power system

1) **Short description:**

Lot 2 comprises the domestic power supply installations to supply the double high-rise building, underground staff car park, wholesale market hall, loading yard, entrance buildings and exterior installations.
The works will mostly be executed at the loading yard and on the project site.

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

45300000, 45310000, 45311000, 45311100, 45311200, 45315300, 45315500, 45315700, 45317000.

3) **Quantity or scope:**

The contract scope involves the construction works for the domestic power supply installations, mainly comprising:

domestic power supply installation with 2 separate emergency power units with diesel engines and 10-kV synchronous generators with an output of approximately 3,1 MVA each.

Fresh-air and exhaust-air systems with sound absorbers, re-cooling systems, exhaust-gas systems with chimneys, sound absorbers and filter systems.

Fuel-supply system with a daily supply tank of approximately 52 m³.

Generator/engine-control and management systems, synchronisation, integration into energy-control system, documentation.

All aforementioned services include the relevant associated ancillary services.

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

Duration in months: 41 (from contract award).

Performance time period: starting: 1.2011. Completion: 7.2013.

5) **Additional information about lots:**

Selection criteria:

1. experience and expertise (reference projects) (75 %):

1.1. experience of comparable construction works (50 %);

1.1.1. construction experience of emergency power supply installations (over 1 MVA connection power), relating to the construction works in this lot (25 %);

1.1.2. construction experience of large (over approximately 30 000 m² GFA) and complex construction projects, relating to the construction works in this lot (25 %);

1.2. general construction experience of projects comparable with the ECB new premises project in terms of use, size, standard and complexity (25 %).

2. Resources (25 %):

2.1. staff (15 %);

2.1.1. total number of employees (5 %);

2.1.2. employment structure (10 %);

2.2. technical resources (10 %).

Lot No 3

Title: heavy-current installations, low-voltage main boards, energy-control system, busbars

1) **Short description:**

Lot 3 comprises the low-voltage main boards, the energy-control system and the busbars of the main supply for the double high-rise building, wholesale market hall and ancillary buildings.

The double high-rise building with atrium extends to a height (excluding antenna) of approximately 185 m and to approximately 100 600 m² GFA.

The wholesale market hall including both wings covers an area of approximately 36 300 m² GFA (above ground) and is a listed building. Furthermore, 2 entrance buildings and a loading yard with a tunnel connection to the wholesale market hall will also be constructed on the project site.

The works will be executed at the high-rise building, the wholesale market hall, the loading yard and on the project site.

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

45300000, 45310000, 45311000, 45311100, 45311200, 45315600, 45315700, 45317300.

3) **Quantity or scope:**

The contract scope comprises the construction works for the low-voltage main supply, mainly involving: 400-V low-voltage main distributor for general power, safety power and uninterruptible power supply (UPS), divided into approximately 20 switching stations.

High-current busbars for energy transport and energy distribution, approximately 3 000 m.

Energy-control system for monitoring, alarm/defect/incident management, visualisation of the different operation modes with interfaces to other systems, including software integration.

Short-circuit and selectivity calculations on the entire system network and documentation.

All aforementioned services include the relevant associated ancillary services.

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

Duration in months: 41 (from contract award).

Performance time period: starting: 1.2011. Completion: 7.2013.

5) **Additional information about lots:**

Selection criteria:

1. experience and expertise (reference projects) (75 %):

1.1. experience of comparable construction works (50 %):

1.1.1. construction experience of 400-V low-voltage main supply installations (over 1 MVA connection power), relating to the construction works in this lot (25 %);

1.1.2. construction experience of large (over approximately 30 000 m² GFA) and complex construction projects, relating to the construction works in this lot (25 %);

1.2. general construction experience of projects comparable with the ECB new premises project in terms of use, size, standard and complexity (25 %).

2. Resources (25 %):

2.1. staff (15 %);

2.1.1. total number of employees (5 %);

2.1.2. employment structure (10 %);

2.2. technical resources (10 %).

Lot No 4

Title: heavy-current installations, low-voltage installation systems, lighting, lightning protection, high-rise building

1) **Short description:**

Lot 4 comprises the low-voltage installation systems, the lighting systems and the lightning-protection installations for the double high-rise building (height excluding antenna: approximately 185 m, GFA: approximately 100 600 m²) and the underground staff car park.

The works will be executed at the high-rise building, the underground staff car park and on the project site.

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

45300000, 45311200, 45312310, 45316000.

3) **Quantity or scope:**

The contract scope comprises the construction works for the low-voltage installation systems, the lighting systems and the lightning-protection installations, mainly involving:

low-voltage installation systems for general power, safety power and uninterruptible power supply (UPS) with approximately 490 distributions with integration into an energy-control system.

Approximately 45 000 m of different cable-support systems, cable and distribution networks, system-circuit-integrity systems, approximately 13 000 m of busbar-distribution and connection systems for office workplaces. Connections for external facilities, bus system, approximately 31 000 lighting fittings, safety-lighting systems with power-supply systems.

Potential equalisation, interior and exterior lightning protection with additional electromagnetic compatibility measures, overvoltage protection devices.

Documentation.

All aforementioned services include the relevant associated ancillary services.

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

Duration in months: 41 (from contract award).

Performance time period: starting: 1.2011. Completion: 7.2013.

5) **Additional information about lots:**

Selection criteria:

1. experience and expertise (reference projects) (75 %):

1.1. experience of comparable construction works (50 %);

1.1.1. construction experience of 400-V low-voltage main supply installations, lighting, lightning protection, relating to the construction works in this lot (25 %);

1.1.2. construction experience of high-rise building projects (over 60 m above ground), relating to the construction works in this lot (25 %);

1.2. general construction experience of projects comparable with the ECB new premises project in terms of use, size, standard and complexity (25 %).

2. Resources (25 %):

2.1. staff (15 %);

2.1.1. total number of employees (5 %);

2.1.2. employment structure (10 %);

2.2. technical resources (10 %).

Lot No 5

Title: heavy-current installations, low-voltage installation systems, lighting, lightning protection, wholesale market hall and ancillary buildings

1) **Short description:**

Lot 5 comprises the low-voltage installation systems, lighting systems and lightning-protection installations for the wholesale market hall, loading yard, incoming goods inspection north with visitor parking, incoming goods inspection south and the exterior installations.

The wholesale market hall including both wings covers an area of approximately 36 300 m² GFA (above ground) and is a listed building. Furthermore, 2 entrance buildings and a loading yard with a tunnel connection to the wholesale market hall will also be constructed on the project site.

The construction works will be executed at the wholesale market hall including both wings, the loading yard, both entrance buildings (north and south) and on the project site.

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

45300000, 45311200, 45312310, 45316000, 45316100.

3) **Quantity or scope:**

The contract scope comprises the construction works for the low-voltage installation systems, the lighting systems and the lightning-protection installations, mainly involving:

low-voltage installation systems for general power, safety power and uninterruptible power supply with approximately 250 distributions with integration into an energy-control system.

Approximately 16 000 m of cable-support systems, cable and distribution networks, system-circuit-integrity systems, approximately 780 m of busbar-distribution and connection systems for office workplaces, approximately 470 m of busbar distributors to supply the computer centre with IT control and monitoring.

Connections for external facilities, bus system, approximately 15 000 lighting fittings.

Safety-lighting systems with power-supply systems.

Potential equalisation, interior and exterior lightning protection with additional electromagnetic compatibility measures, overvoltage protection devices.

Documentation.

Installation of distributors, cable and distribution networks and external lighting fittings for the peripheral entrance buildings and loading yard as well as the external area.

All aforementioned services include the relevant associated ancillary services.

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

Duration in months: 36 (from contract award).

Performance time period: starting: 3.2011. Completion: 2.2013.

5) **Additional information about lots:**

Selection criteria:

1. experience and expertise (reference projects) (75 %):

1.1. construction experience of projects (over 20 m above ground) with 400-V low-voltage main distribution installations, lighting, lightning protection, relating to the construction works in this lot (50 %);

1.2. general construction experience of projects comparable with the ECB new premises project in terms of use, size, standard and complexity (25 %).

2. Resources (25 %):

2.1. staff (15 %);

2.1.1. total number of employees (5 %);

2.1.2. employment structure (10 %);

2.2. technical resources (10 %).

Lot No 6

Title: weak-current installations, electroacoustic systems, fire-alarm systems, early fire detection

1) **Short description:**

Lot 6 comprises weak-current installations. The construction works to be carried out involve those for the electroacoustic alarm system, fire-alarm system and early fire detection. The double high-rise building with atrium extends to a height (excluding antenna) of approximately 185 m and to approximately 100 600 m² GFA.

The wholesale market hall including both wings covers an area of approximately 36 300 m² GFA (above ground) and is a listed building. Furthermore, 2 entrance buildings and a loading yard with a tunnel connection to the wholesale market hall will also be constructed on the project site.

The works will be carried out at the high-rise building, the existing wholesale market hall, the underground staff car park and the ancillary buildings.

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

45300000, 45311200, 45312000, 45312100.

3) **Quantity or scope:**

The scope of the works to be carried out mainly involves:

— electroacoustic emergency warning systems: network system with approximately 9 digital central amplification systems, approximately 10 000 loudspeakers. Special system requirement involving sound systems for high and large rooms.

— Fire-alarm system: network system with approximately 7 central stations, management system and approximately 18 000 detectors.

— RAS: network system with independent software analysis, approximately 35 evaluation units.

All aforementioned services include the relevant associated ancillary services. The required installation works for distribution networks and cable-support systems are announced in a separate lot for installation works.

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

Duration in months: 41 (from contract award).

Performance time period: starting: 1.2011. Completion: 7.2013.

5) **Additional information about lots:**

Selection criteria:

1. experience and expertise (reference projects) (85 %):

1.1. experience relating to the construction works in this lot (40 %);

1.2. construction experience of projects comparable with the ECB new premises project in terms of use, size, standard and complexity, relating to the construction works in this lot (45 %).

2. Resources — staff (15 %):

2.1. total number of employees (5 %);

2.2. employment structure (10 %).

Lot No 7

Title: weak-current installations — guidance systems

1) **Short description:**

Lot 7 comprises weak-current installations. The construction works to be carried out comprise those for public guidance systems based on digital signage, and parking guidance systems with vehicle counting.

The double high-rise building with atrium extends to a height (excluding antenna) of approximately 185 m and to approximately 100 600 m² GFA. The wholesale market hall including both wings covers an area of

approximately 36 300 m² GFA (above ground) and is a listed building. Furthermore, 2 entrance buildings and a loading yard with a tunnel connection to the wholesale market hall will also be constructed on the project site.

The works will be carried out at the high-rise building, the existing wholesale market hall, the underground staff car park and the ancillary buildings.

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

45300000, 45317000.

3) **Quantity or scope:**

The scope of the works to be carried out for the guidance systems mainly involves:

— public guidance system: server/client-based content-management system, approximately 10 large-format screens, approximately 9 room signs, software integration.

— Parking guidance system: vehicle-counting system for the underground staff car park with 2 parking decks. 8 induction loops, SPS for evaluating and producing interfaces to superordinate guidance systems.

All aforementioned services include the relevant associated ancillary services. The required installation works for distribution networks and cable-support systems are announced in a separate lot for installation works.

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

Duration in months: 41 (from contract award).

Performance time period: starting: 1.2011. Completion: 7.2013.

5) **Additional information about lots:**

Selection criteria:

1. experience and expertise (reference projects) (85 %):

1.1. experience relating to the construction works in this lot (40 %);

1.2. construction experience of projects comparable with the ECB new premises project in terms of use, size, standard and complexity, relating to the construction works in this lot (45 %).

2. Resources — staff (15 %):

2.1. total number of employees (5 %);

2.2. employment structure (10 %).

Lot No 8

Title: weak-current installations, security — cabling in field level

1) **Short description:**

Lot 8 comprises cabling works together with the necessary cable-support systems for the installations of the general weak current and of the security facilities.

The double high-rise building with atrium extends to a height (excluding antenna) of approximately 185 m and to approximately 100 600 m² GFA. The wholesale market hall including both wings covers an area of approximately 36 300 m² GFA (above ground) and is a listed building. Furthermore, 2 entrance buildings and a loading yard with a tunnel connection to the wholesale market hall will also be constructed on the project site. The works will be carried out at the high-rise building, the existing wholesale market hall, the underground staff car park and the ancillary buildings.

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

45300000, 45310000, 45311000, 45311100.

3) **Quantity or scope:**

The scope of the works to be carried out for the cabling of the field level mainly involves:

— cable-support systems: approximately 14 000 m of routes, trays and channels, approximately 12 000 m of cable ducts.

— Installation works: approximately 816 000 m of copper and fibre-optic installation cables.

The contractor will receive cable-duct lists for the facilities involved and develop from these the design of the cable-support systems and manufacture them.

All aforementioned services include the relevant associated ancillary services.

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

Duration in months: 41 (from contract award).

Performance time period: starting: 1.2011. Completion: 7.2013.

5) **Additional information about lots:**

Selection criteria:

1. experience and expertise (reference projects) (85 %):

1.1. experience relating to the construction works in this lot (40 %);

1.2. construction experience of projects comparable with the ECB new premises project in terms of use, size, standard and complexity, relating to the construction works in this lot (45 %).

2. Resources — staff (15 %):

2.1. total number of employees (5 %);

2.2. employment structure (10 %).

Lot No 9

Title: passive network structures

1) **Short description:**

Lot 9 involves the installation of passive IT infrastructure together with the infrastructure required to operate a GSM/UMTS in-house system, and the supply and commissioning of a CATV-based television and antenna system.

The double high-rise building with atrium extends to a height (excluding antenna) of approximately 185 m and to approximately 100 600 m² GFA. The wholesale market hall including both wings covers an area of approximately 36 300 m² GFA (above ground) and is a listed building. Furthermore, 2 entrance buildings and a loading yard with a tunnel connection to the wholesale market hall will also be constructed on the project site. The works will be carried out at the high-rise building, the existing wholesale market hall, the underground staff car park and the 'ancillary buildings'.

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

45300000, 45314300, 45314310, 45314320, 45314200, 45312320.

3) **Quantity or scope:**

The planned construction requires comprehensive, universally useable and future-proof IT cabling. For the ECB-LAN, a highly redundant and highly available passive IT infrastructure will be set up by means of approximately 60 floor distributors, approximately 4 building/site distributors, several highly available computer-centre cells, approximately 3 satellite receiving rooms and approximately 3 site interconnection points to the public network. Furthermore, a second, independent LAN is to be constructed in the interests of safety technology, with comparable structures and components.

The primary and secondary cabling to be produced comprises fibre-optic and copper cables in varying proportions and qualities.

All workplaces on the floors will be supplied via floor distributors. The supply areas of these distributors will generally span 2 floors. The horizontal supply will be effected via the tertiary cabling at consolidation points in the system floor. These consolidation points will be installed at selected points throughout the system floor. Depending on the role of the consolidation point, approximately 2 to 8 tertiary cables will be terminated. Copper and fibre-optic connecting boxes are to be produced for the security field levels.

Pre-fabricated cables with plug connectors for connecting to the consolidation point, and jacks for connecting to IT devices, telephones, TV and radio receivers will be used to supply the ECB-LAN workplaces. These cables will generally be duplex variants. The aforementioned jacks will be installed in desk distributors, floor boxes, flush-mount/surface-mount housings and media columns as a terminal interface. This type of workplace supply guarantees high flexibility in office design and prevents the usual open laying of cables on the system floor, as is the case in conventionally equipped offices.

In addition to the building's internal cabling, a large proportion of the cabling on the site is to be installed in cable channels. The cabling will be based in vast areas on the planning methods of EN 50173 and EN 50174, but will be supplemented in many technical details with useful requirements.

In addition to setting up the passive IT infrastructure, a satellite-based CATV infrastructure is to be installed in the buildings, which, in addition to passive elements such as cabling and service cabinets, will also feature active elements (cable head-ends, converter for use of symmetrical tertiary cabling, parabolic antennas). A further element of the work to be carried out is the installation of comprehensive passive infrastructure for the activation of UMTS/GSM services within the buildings.

The contract scope involves the supply and operable installation, mainly comprising:

- fibre-optic cabling based on multi-mode and single-mode fibres,
- multipair category-3 copper cabling,
- category-7 tertiary cabling,
- site, building and floor distributors,
- computer-centre areas,
- UMTS/GSM coax cabling,
- GSM/UMTS distribution technology,
- fibre-optic and broadband switching network,
- provider technology rooms,
- satellite-receiving system,
- terrestrial antenna receiving system,
- broadband switching network,
- amplification and converter components,
- SAR cable spreading rooms.

Estimated total volumes for cabling:

fibre-optic cable: approximately 150 000 m,

multipair copper cable: approximately 40 000 m,

category-7 twisted-pair copper cable: approximately 2 350 000 m.

Estimated total volumes for passive components:

19" network cabinets and racks: approximately 750 items,

approximately 9 000 consolidation points, approximately 37 500 data-connection points,

approximately 800 CATV ports,

documentation, measuring and quality assurance.

All aforementioned services include the relevant associated ancillary services.

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

Duration in months: 41 (from contract award).

Performance time period: starting: 1.2011. Completion: 7.2013.

5) **Additional information about lots:**

Selection criteria:

1. experience and expertise (reference projects) (65 %):

1.1. experience relating to the construction works in this lot (40 %);

1.2. construction experience of projects comparable with the ECB new premises project in terms of use, size, standard and complexity, relating to the construction works in this lot (25 %).

2. Resources (35 %):

2.1. staff (25 %);

2.1.1. total number of employees (10 %);

2.1.2. employment structure (10 %);

2.1.3. proof of qualified and certified staff in the corresponding composition, relating to the works in this lot, especially packaging and measuring (5 %);

2.2. technical resources: proof of certified technical equipment with the corresponding composition, relating to the works contained in this lot (10 %).

Section III: Legal, economic, financial and technical information

III.1) Conditions relating to the contract

III.1.1) Deposits and guarantees required:

The successful tenderer will be required to provide appropriate security in the form of a cash retention for the performance phase (10 % of the contract volume) and for the warranty phase (5 % of the contract volume), which may be disbursed periodically against a bank guarantee. Details will be provided in the invitation to tender.

III.1.2) Main financing conditions and payment arrangements and/or reference to the relevant provisions regulating them (if applicable):

The successful tenderer will receive part payments taking into account the appropriate cash retention provisions as set out in section III.1.1.

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

Candidates may establish groupings with a view to jointly obtaining a contract. No specific legal form is required, but the grouping members will be jointly and severally liable for the performance of the contract.

The grouping must, in principle, remain unchanged from the start of the tender procedure until completion of the works. If unforeseen circumstances require a change in the composition of a grouping, the ECB may allow such a change at its own discretion provided that the change does not distort competition amongst the candidates.

III.1.4) Other particular conditions to which the performance of the contract is subject:

No.

III.2) Conditions for participation

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

In line with Article 24 of the ECB procurement rules (see point VI.3 below) the following shall apply: the ECB shall exclude candidates from participation in a tender procedure if they have been the subject of a judgment which has the force of res judicata for fraud, corruption, money laundering, involvement in a criminal organisation or any other illegal activity detrimental to the financial interests of the Communities, of the ECB or of the NCBs.

The ECB may exclude candidates from participation at any time if:

(a) they are bankrupt or being wound up, are having their affairs administered by the courts, have entered into an arrangement with creditors, have suspended business activities, are the subject of proceedings concerning these matters, or are in any analogous situation arising from a similar procedure provided for in national legislation or regulations;

(b) they have been convicted of an offence concerning their professional conduct by a judgment which has the force of res judicata;

(c) they have been guilty of grave professional misconduct;

(d) they have not fulfilled obligations relating to the payment of social security contributions or the payment of taxes in accordance with the legal provisions of the country in which they reside or with those of the country of the contracting authority or those of the country where the contract is to be performed;

(e) they have been declared by a court or an arbitration tribunal to be in serious breach of contract for failure to comply with their contractual obligations following another tender procedure;

(f) their management, staff or agents are subject to a conflict of interests;

(g) they are guilty of misrepresentation in supplying the information required by the ECB;

(h) they contact other candidates or tenderers with the purpose of restraining competition. Candidates must certify that they are not in any of the situations listed above by signing the application form and provide the evidence specified therein. Each member of a grouping must comply with these conditions. If such circumstances arise in the course of the procedure, the candidate concerned shall inform the ECB thereof without undue delay.

Candidates may rely on their registration in an official list of approved economic operators or certification by approved bodies to provide evidence they have met the above conditions. Details are explained in the application form. The ECB reserves the right to request further information.

III.2.2) Economic and financial capacity:

Information and formalities necessary for evaluating whether requirements have been met: the signed application form, which specifies the total net turnover in the past 3 financial years.

Minimum standards possibly required:

financial capacity: accumulated total net turnover in the past 3 financial years:

Lot 1: of at least EUR 10 000 000,

lot 2: of at least EUR 4 000 000,

lot 3: of at least EUR 20 000 000,

lot 4: of at least EUR 20 000 000,

lot 5: of at least EUR 20 000 000,

lot 6: of at least EUR 5 000 000,

lot 7: of at least EUR 1 000 000,

lot 8: of at least EUR 5 000 000,

lot 9: of at least EUR 20 000 000.

Groupings of economic operators may add together the turnover of their members.

III.2.3) Technical capacity:

Information and formalities necessary for evaluating whether requirements have been met:

submission of the completed and signed application form (with enclosures), which includes the details required concerning reference projects and resources.

Candidates may rely on their registration in an official list of approved economic operators or certification by approved bodies. Details are explained in the application form. The ECB reserves the right to request further information.

Minimum standards possibly required:

the applicant must obtain at least 3 000 points out of a maximum of 10 000 points. Further details about the point system are given in point IV.1.2.

III.2.4) Reserved contracts:

No.

Section IV: Procedure

IV.1) Type of procedure

IV.1.1) Type of procedure:

Negotiated.

Candidates have already been selected: no.

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

Envisaged number of operators:

envisaged minimum number: 5 and maximum number: 8.

Objective criteria for selecting the limited number of candidates:

1. experience and expertise (reference projects),
2. resources.

The weighting of the criteria and the sub-criteria and their weightings are shown for each lot in 'Information about lots' in this document.

Scoring system:

the maximum score possible is 10 000 points (100 %). This maximum score is divided according to the weightings assigned to the different criteria and sub-criteria. The resulting 'maximum score per criterion' is divided by 4 in order to determine the base unit of the assessment for each criterion.

In the evaluation process, the score (0–4 points) is multiplied by the base unit for each criterion, and the resulting scores are added up to obtain the final result. The scoring system for each criterion applies an assessment scale from 0 to 4 points. 'No response' receives 0 points, 'poor' (1 point), 'sufficient' (2 points), 'good' (3 points) and 'very good' (4 points). In the evaluation process, the score (0–4 points) is multiplied by the base unit for each criterion, and the resulting scores are added up to obtain the final result.

The minimum threshold is 30 %, corresponding to 3 000 points, which must be met as a minimum requirement. The evaluation will be based solely on the submitted application documents including attachments.

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

Recourse to staged procedure to gradually reduce the number of solutions to be discussed or tenders to be negotiated as determined by the award criteria pursuant to point IV.2.1: yes.

IV.2) **Award criteria**

IV.2.1) **Award criteria:**

The most economically advantageous tender in terms of the criteria stated below:

the same scoring methodology as laid down in point IV.1.2 of this document will be applied for the award criteria. The sub-criteria and their weightings will be specified in the invitation to tender.

1. Price. Weighting: 70 %.
2. Quality. Weighting: 25 %.
3. Contract conditions. Weighting: 5 %.

IV.2.2) **An electronic auction will be used:**

No.

IV.3) **Administrative information**

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

T108 — technical building equipment TBE in the electrical field.

IV.3.2) **Previous notices published concerning the same contract:**

Prior information.

Notice number in OJ: [2009/S 16-21436](#) of 24.1.2009.

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

Final date for receipt of requests for documents or for accessing documents: 17.4.2009 (12:00).

Charge for documents: no.

IV.3.4) **Final date for receipt of tenders or requests to participate:**

21.4.2009 (12:00).

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

English, German.

Applications must be submitted in English or in German. External documents such as company registrations and certificates may be submitted in their original language. The ECB may ask the candidate to provide a certified translation.

IV.3.8) **Conditions for opening tenders:**

Place: at the address given in point I.1.

Persons authorised to be present at the opening of tenders: no.

Section VI: Complementary information

VI.1) **This is a recurrent procurement:**

No.

VI.2) **Contract related to a project and/or programme financed by EU funds:**

No.

VI.3) **Additional information:**

Applicable rules:

the tender procedure is conducted in accordance with the European Central Bank Decision of 3.7.2007 laying down the Rules on Procurement (ECB/2007/5), amended by the European Central Bank Decision of 27.1.2009 (ECB/2009/2). Both Decisions were published in the Official Journal of the European Union (respectively OJ L 184 of 14.7.2007, p. 34 and OJ L 51 of 24.2.2009, p. 10) and are available on the ECB website at: <http://www.ecb.europa.eu/ecb/jobsproc/proc/tenders/html/index.en.html>

Required format of applications:

(a) applications must be submitted as hard copies and on CD using the application form and complementing forms published in the tender forum, following the details outlined in the application form.

(b) Applications submitted via e-mail are inadmissible and will not be considered.

Questions:

any questions to the ECB should be submitted exclusively via the tender forum (see section I.1) and may be submitted in English or German. The answers will be provided in the language in which the questions were submitted.

Inspection of documentation:

interested candidates may, on request, review excerpts from the former general contractor tender (planning status April 2008). Further information will be provided in the tender forum.

Subcontracting:

candidates may rely on the capacities of other entities as subcontractors, in particular with regard to their technical capacity (see section III.2.3), regardless of the legal nature of the links which they have with them. The candidate must prove that he will have at his disposal the resources necessary, for example, by providing an undertaking to that effect from such entities.

The use of subcontractors does not limit the candidate's responsibility and liability for due performance of all the contractual obligations. The ECB reserves the right to refuse any subcontractor taking into account the principles of transparency, equal access, publicity and equal treatment. Prior approval from the ECB will be required for both replacing a subcontractor and subcontracting additional major works.

Companies that submit sole applications and, at the same time, appear as subcontractors for another candidate, or companies that appear as a subcontractor for several candidates, will in principle not be excluded from the tender procedure. In either case, the ECB will ask all the companies concerned to provide evidence that their participation in 2 or more applications does not have a detrimental effect on competition. In particular, they must explain in detail what measures they have taken in order to prevent an exchange of critical information between the competing candidates. The ECB will decide on whether to exclude applications from the tender procedure,

taking into account the information provided and the principles of transparency, equal access, publicity and equal treatment.

Exclusion from the tender procedure:

the ECB may, at its own discretion, exclude applicants from the tender procedure who do not comply with the requirements and conditions set out in the application form and contract notice, or do not provide the information requested.

Cancellation of the tender procedure:

the ECB reserves the right to cancel all or part of the tender procedure. This decision will take into account the principles of transparency, equal access, publicity and equal treatment. Cancellation may be necessary if the offers in the first 8 construction tenders for the new ECB premises project in total exceed the ECB's available budget for same.

Liability and compensation:

the ECB is not liable for any costs, nor will it reimburse any expenses or losses which candidates incur or suffer in connection with the tender procedure, including in the event of a cancellation.

VI.4) **Procedures for appeal**

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

Procurement Review Body of the European Central Bank, Kaiserstraße 29 c/o Central Procurement Office, 60311 Frankfurt am Main, GERMANY. Tel. +49 691344-0 (central switchboard). Fax +49 691344-6000 (central fax number). E-mail: procurement@ecb.europa.eu Internet: www.ecb.europa.eu

VI.4.2) **Lodging of appeals:**

Precise information on deadline(s) for lodging appeals:

15 days from the receipt of the information specified in Article 28(3) of the ECB procurement rules (see section VI.3) or, if no information is requested, 15 days from the receipt of the notification to unsuccessful tenderers. Further requirements are outlined in Article 33 of the ECB procurement rules (see section VI.3).

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

European Central Bank — Central Procurement Office, Kaiserstraße 29, 60311 Frankfurt am Main, GERMANY. Tel. +49 691344-0 (central switchboard). Fax +49 691344-6000 (central fax number). E-mail: procurement@ecb.europa.eu Internet: www.ecb.europa.eu

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

10.3.2009.