

CONTRACT NOTICE

1. Contracting authority

Polskie Sieci Elektroenergetyczne S.A. (hereinafter PSE or Contracting authority)
ul. Warszawska 165
05-520 Konstancin-Jeziorna
POLAND

Mailing address:

System Management Department (Departament Zarządzania Systemem)
Polskie Sieci Elektroenergetyczne S.A.
ul. Warszawska 165
05-520 Konstancin-Jeziorna
POLAND

url: www.pse.pl

Contact persons:

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2. Scope of work (SOW)

2.1. Contract objective

The objective of this Consulting contract is to ensure support for PSE during (i) MMS Project Plan creation and (ii) MMS Solution Design Phase for the implementation of the Market Management System (MMS). The MMS system is to be delivered by ABB Sp. z o.o. based on the public tender no. BP/8/2014/MJ titled "*Dostawa i wdrożenie Informatycznego Systemu Zarządzania Rynkiem Bilansującym Energii Elektrycznej w Polsce*".

The envisaged timeframe for the support services is between 2.01.2018 till 31.07.2018.

Support services shall be focused mainly on assessing the balancing energy market design elaborated by PSE as well as on assisting PSE in discussions with the MMS provider during (i) MMS Project Plan creation and (ii) MMS Solution Design Phase. The following elements will be of particular attention for PSE in that phase:

- a) ensure reliable operation of the balancing market processes based on Full Network Model (FNM),
- b) ensure ergonomic and error-proof control room operation,
- c) define proper parallel run acceptance criteria,
- d) ensure full implementation of the contractual requirements while minimising change requests.

2.2. Deliverables

The contractor shall support PSE during (i) MMS Project Plan creation and (ii) MMS Solution Design Phase.

- The MMS Project Plan includes *inter alia*: project organisational structure, work breakdown structure (WBS), detailed schedule, quality management plan (with emphasis on products and phase acceptance strategy), configuration management plan,

risk management plan, communication plan, change management plan, schedule control plan, issue management plan, reporting and monitoring.

- MMS Solution Design Phase includes *inter alia*: business processes, detailed requirements, optimization problem formulations, application design, data migration plan.

All items related to IT infrastructure, IT architecture and other IT integration aspects are excluded from the scope of work.

The products expected to be provided by the selected Contractor are listed in chapters 2.2.1 – 2.2.5 below.

2.2.1. Introductory workshop with PSE

One-week (5 working days) workshop with PSE experts shall be held at PSE's premises. The indicative date is mid-January 2018. The purpose of the workshop is to discuss PSE's MMS requirements and Contractor's advices to prepare workshop with the MMS vendor (ABB) based on:

- a) review of PSE's MMS Requirements,
- b) ABB offer,
- c) Contractor's experience in ABB's or other vendors' MMS system implementations.

2.2.2. Initial workshop with PSE and ABB

One-week (5 working days) workshop with ABB and PSE expected to be held in early February 2018.

2.2.3. Support for PSE during subsequent project workshops

Optional (on PSE's request) support during various project workshops held in Poland, most probably at PSE premises. Initially 4 workshops (3 working days each) are envisioned, organized on monthly bases. PSE may however change the number and the duration of such workshops. The exact workshop dates will be planned during project plan preparation and further managed on the monthly basis.

2.2.4. Teleconferences

Optional (on PSE's request) teleconferences (Skype, Webex, telephone, etc.) to discuss project issues or specific documents. 12 half-day teleconference are envisioned (2 per month). However, the exact number, duration and the dates of teleconferences will be planned according to the needs of the MMS project.

2.2.5. Document reviews

Optional (on PSE's request) reviews of selected project plan or solution design documents. It is initially expected that document reviews will take 60 days.

2.3. Timing for services delivery

The activities described in chapters 2.2.1 – 2.2.5 will be planned depending on the project needs during the (i) MMS Project Plan creation and (ii) MMS Solution Design Phase (planned between 2.01.2018 till 31.07.2018). However, the Contractor shall guarantee its availability with reasonable flexibility during that period.

The detailed scope of the consultancy services and contract proposal will be included in the Request for Proposal, which will be made available only to parties that have been selected to participate in the procedure and have signed NDA provided by PSE.

3. Type of procedure

The procedure is identified by ID: **DU/MMS_Consulting/2017** and Contractors are required to indicate the ID during the proceedings.

4. Conditions for participation and method used for the evaluation of the fulfilment of those conditions.

- 4.1. The Contractor must meet the following formal and financial conditions:
 - 4.1.1. are authorised to perform specific activities or actions, if such authorisations are required by the law,
 - 4.1.2. have the necessary knowledge and experience,
 - 4.1.3. are in a financial and economic situation ensuring the performance of the contract.The conditions shall be confirmed in the form stipulated by Appendix 1 to this Contract Notice.
- 4.2. Competitors to MMS Vendor selected by PSE (ABB) are excluded from the proceedings. This applies in particular to Siemens and General Electric Grid Solutions as well as their affiliates. ABB and its affiliates are excluded as well.
- 4.3. Technical conditions that Contractor must meet:
 - 4.3.1. within the last 10 years prior to the date of submission of its request to participate in this contract award procedure, the Contractor has been involved in the successful design phase and at least one of the implementation phases of the Market Management System (MMS) characterized by the following:
 - 4.3.1.1. Schedules and dispatches resulting from the MMS system are based on Security Constrained Unit Commitment and Security Constrained Economic Dispatch (SCUD/SCED),
 - 4.3.1.2. MMS system applies Localization Marginal Prices (LMP),
 - 4.3.1.3. MMS system utilizes Full Network Model (FNM), among other for determining LMP prices and performing power system security analysis (incl. N-1 contingency),
 - 4.3.1.4. MMS system runs at least Day-Ahead Market and Real Time Market,
 - 4.3.1.5. MMS system allows for joint procurement of energy and reserves,
 - 4.3.1.6. MMS system was implemented for the electricity transmission system operator (TSO) or independent system operator (ISO).
 - 4.3.2. The Contractor has been involved in the undertaking specified above as an advisory&expert body and that involvement lasted not less than one year (counted from start to end of involvement).
 - 4.3.3. At least 2 (two) members performing this contract have been involved in the above undertaking.
- 4.4. If the request to participate is submitted by a consortium, formal and financial conditions (4.1 – 4.2) must be met by each consortium member, while technical conditions (4.3) shall be met by consortium as a whole.
- 4.5. Assessment shall be made as “compliant” or “non-compliant”. Contractors assessed as “non-compliant” shall be excluded from the further participation in the procedure.

5. Confirmation of compliance with the conditions for participation

For confirmation of compliance with the conditions for participation in the procedure, Contractor shall submit the following documents as part of the request to participate:

- 5.1. Statement of compliance with the conditions for participation.
- 5.2. Valid extract from the national trade register or court register or certificate of registration in the register of business/professional activities, under the legal provisions of the Contractor's state.
- 5.3. References for works listed as technical conditions stating successful contract delivery. References shall be listed in the form stipulated by Appendix 2 to this Contract Notice.
- 5.4. If request to participate is submitted by consortium, the Contracting Authority requires a document presenting members of the consortium and their duly appointed representative.
- 5.5. The Contracting Authority may request additional information, explanation or request Contractor to deliver missing documents or information.

6. Request to participate submission

- 6.1. The request to participate shall be prepared in English and sent to przetargi_PSE@pse.pl.
- 6.2. Contractor has the right to protect its confidential information in the meaning of rules of protection against unfair competition (Suppression of Unfair Competition Act) i.e. technical, technological, organizational or others having commercial value, to which necessary protection actions have been taken to keep them confidential. Such information shall be marked "confidential".
- 6.3. The request to participate shall be submitted by the end of November 10, 2017 UTC+01:00 (CET).
- 6.4. The Contracting Authority requires Contractor not to involve subcontractors during the execution of the agreement unless listed explicitly in the offer and subject to all requirements set forth for the Contractor.
- 6.5. The Contracting Authority has the right to cancel the procedure without prior notice.

Appendix 1 to the Contract Notice

STATEMENT

By joining to the contract award procedure conducted in negotiated procedure with prior call for competition „.....”, we declare that we fulfil requirements set forth regarding:

- authorizations to perform specific activities or actions, if the applicable laws impose such obligation,
- the necessary knowledge and experience,
- financial and economic situation ensuring the performance of the contract.

{place of residence}_____, {date} __ __ 2017

(stamp and signature of an contractor representative)

Appendix 2 to the Contract Notice

Technical conditions fulfilment

Lp.	Title/name of a contract awarded by procuring entity	Legal name and description of a procuring entity	Period of services rendered (dd.mm.yyyy- dd.mm.yyyy)	Scope of a contract as described in technical conditions	Number of consultants involved	Role of contractor in the contract completion as described in the technical conditions	Contact person at procuring entity (email, phone)
1							
2							
3							
4							
....							

The Contractor is obliged to complete the request to participate with documents proving the due execution of the services in accordance with the technical conditions. If the Contractor is unable to submit the required documents as set out above, a declaration with a role and scope of responsibility of the Contractor in the completed project is allowed.

Such declaration will be subject to detailed verification aiming at confirmation of the declaration with a procuring entity.