

FREQUENTLY ASKED QUESTIONS
Invitation to tender No. ENER/A1/973 2013
Long-range energy system modelling for the period up to 2050
Contract notice in OJEU 2013/S 212-367026 of 31/10/2013
Last update: 18/12/2013

Question 1:

We understood that the three best consortium will be part of the framework contract, and that one will be selected for each contract: does this mean that one consortium could provide a baseline scenario and another one an alternative scenario for example? Or should we understand that a contract will include a baseline + alternative scenarios + variants?

Answer 1:

The cascade system for the framework contract means that the Commission will rank the tenderers in descending order with a view to establishing the list of 3 contractors and the sequence in which they will be offered work when orders are placed. The Commission always contacts first the contractor at the top of the list. If that contractor is unavailable or incapable to respond for reasons which do not entail terminating the contract, the second contractor may be contacted, and then, if necessary and under the same conditions, the third. It might be the case the contractor who is the first on the list (i.e. who made the best offer) is capable and willing to respond to all request and performs all specific contracts. A specific contract might indeed contain the baseline scenario or several options or options + variants or even only variants – this will be defined according to actual needs of the Commission.

Question 2:

Does the 24 month budget indicated (2500000€) correspond to the ceiling of 4 baseline, 14 alternative scenarios and 28 variants, or should we understand this ceiling as corresponding to the maximum services on the 24 months plus 2 possible additional one year periods (i.e. 48 months).

Answer 2:

The total maximum budget covers 24 months with possible 2 extension (each of 12 months). It is therefore possible that maximum budget will be used already in the 2 years but also it might last for 4 years. It all depends the actual needs the Commission will have when the contract is signed. While presenting a bid you are asked to make a financial offer correspond to 4 baselines, 14 alternative scenarios and 28 variants. It is the best approximation that the Commission has now for the services required in the future but actual requirements might be different. In any case, the financial offer that will be made by selected contractor for baseline, scenario and variant will be binding and will be the basis for defining the value of the specific contracts.

Question 3:

Does the DG ENER already have a contract for long-range energy system modelling and if yes who is performing it?

Answer 3:

Yes, the DG ENER currently has a framework contract on long-range energy system modelling, which will soon be coming to an end. This contract is signed with Institute of Communications and Computer Systems of the National Technical University of Athens.

Question 4:

What type of work is accomplished by the DG ENER on the basis of the contract?

Answer 4:

DG ENER uses the long-range energy system modelling as the input to the publication on Energy Trends (please see the publications at: http://ec.europa.eu/energy/observatory/trends_2030/index_en.htm and most recently in the Impact Assessment accompanying the Communication "Energy Roadmap 2050"¹. The Impact Assessment is available via the following link: http://ec.europa.eu/energy/energy2020/roadmap/index_en.htm

Question 5:

Do all references on the work previously accomplished absolutely have to relate to projects/work performed for the EU or EU Member States public administration or are references to the work performed for the industry also taken into account?

Answer 5:

Tender specifications stipulate that tenderers shall, as a part of selection criteria, provide a concise description of the relevant (to the scope of this call for tender) work/projects performed during the last 3 years. Such a list of the main services and tasks shall contain related amounts, dates and beneficiaries mentioning also the sector they belong to. Both the work for public and private (e.g. industry) beneficiaries shall be mentioned.

In addition samples of previous work carried out in the domain of energy systems modeling (by tenderer or members of the project team) should be provided by the tenderer.

¹ COM/2011/0885 final

Question 6:

Is constructing a model with databases on the subject required or does the existing model from Athens university needs to be used?

Answer 6:

Tender specifications stipulate that the contractor will use existing models and databases (which are operational and which he owns or has access to) as the timing for deliverables does not allow for the development of new models/databases.

Question 7:

Is the current contractor making an offer for this call for tender?

Answer 7:

Access to tendering is regulated in Tender Specifications, in particular in paragraphs 1.1 and 1.3 thereof.

Question 8:

Does the model already have to cover the full geographical area (EU-28 and all its Member States must be covered and EU candidate countries and other European countries should be covered) or is it allowed to update the model.

Answer 8:

Tender specifications stipulate that if a tenderer cannot yet demonstrate pertinent previous modelling with necessary geographical coverage, the tenderer must describe in detail how the extension of the geographical coverage will be approached to ensure rapid delivery of projections.

Question 9:

Is it allowed to link additional databases (on specific MS, industrial sectors)? How relevant is the level of detail in databases

Answer 9:

Quality and content of databases to be used is one of the award criteria (enabling to choose the best offer). This criterion will assess credibility of sources, level of detail, length of time-series, geographical coverage, industrial sectors coverage, energy system coverage (energy sources and energy consumption – also in transport), information on technologies and public policies.

The databases with high detail and precision are one of the factors contributing to higher score in the award criteria.

All databases that the tenderer plans to use for the modelling exercise (those currently used and the new ones that are to be added) should be described.