

FREQUENTLY ASKED QUESTIONS

Invitation to tender ENER/C2/2014-640

for a service contract regarding "ENERGY STORAGE MAPPING AND PLANNING"
contract notice in OJEU S: 2014/S 166-295715 of 30/08/2014

Last update: 03/10/2014

Question 1: The ITT mentions that we should submit a tender in one original [and two copies] in one of the official languages of the European Union. A copy of the offer on a CD/DVD/USB stick has also to be submitted. Further the tender should be split in "Administrative & technical parts" and "financial offer" in separate envelopes, both in one envelope, which will be sent in another envelope.

Do you want:

A One sealed outer envelope, with the copies in the inner envelopes, i.e. the "Administrative & technical parts"-envelope with one original + 2 copies + CD/DVD/USB stick and the "financial offer"-envelope with one original + 2 copies + CD/DVD/USB stick, or

B Four sealed outer envelopes (with inner envelopes), each containing inner envelopes with either one original, 2 x a copies or CD/DVD/USB stick?

Answer 1: We want one outer sealed envelope (solution a)

Question 2: For the financial offer you don't ask a cost breakdown or other financial details, only a fixed price. Is this correct?

Answer 2: We don't ask for a detailed cost break down (compulsory); however you are allowed to make a detailed cost break down

Question 3: "We understand that sustainable resources like sun, wind biomass and geothermal energy are outside the scope of this project. Could you confirm our understanding?"

Answer 3: The focus of the tender is on energy storage facilities and their integration into the European Energy System. According to the tender specification "The project shall model the links of these existing infrastructures with pipelines, transmission cables, power plants, major energy end users etc." A large wind farm would in this context be considered as a power plant. Other facilities have properties as both storage and "power plant" such as a hydropower plant with an storage facility. It would therefore be for the project to decide how to take into account "sun, wind biomass and geothermal energy"

Question 4: "Is the mapping of the transmission networks for gas and electricity within the scope of the project? If the answer is YES then:

- should the off-shore networks also be considered?

- to what level of detail (MW transmission_minimum) should the networks be mapped?"

Answer 4: Yes, transmission networks are in scope. Offshore networks are also part of the transmission network. For the level of detail of the electricity mapping, at least the networks, that are operated by the Transmission System Operators designated by the relevant member state regulation, should be considered.

Question 5: We understand from the deliverables that mapping the energy storages and sources (and perhaps transmission networks) in a database and in hardcopies is the core of this project. The output of the project shall be the input for energy system modelling. The simulation and optimization of the energy system itself is outside the scope of the project. Could you confirm our understanding?

Answer 5: Modelling of the energy system is part of the work as far as this is needed to identify the bottlenecks or overcapacities in the infrastructure and to propose solutions to solve the issues.

This does not call for a fully fledged model of the energy system and simulation of the entire energy system are outside the scope of the contract. However, the contractors should present the data in such a format, that they can linked to relevant simulation systems. See as well section 4.1.c “Metadata and documentation requirements”

Question 6: From the text it is not clear what is meant by “The results shall be included as additional layers in the geographical database and maps”. Which results are targeted for exactly, who should attain these results and what do you envisage with additional layers? Could you give an example of an additional layer?

Answer 6: The results originate from the modelling. An additional layer is e.g. a bottlenecks layer an overcapacity layer and an optimised infrastructure layer.