

## Contracting Institute

### European Trade Union (ETUI)

Research department  
Boulevard du Roi Albert II n°5, box 4  
B-1210 Brussels  
Belgium  
(AISBL 0418.812.841)

## For the Project

**Battery study 2021**  
**`Pathways to electromobility with focus on the employment effect for  
the European automobile industry`**

### Expertise required:

The ETUI is launching a research project on the `Pathways to electromobility with focus on the employment effect for the European automobile industry`. For the long-term viability of battery electric vehicles (BEV) manufacturing in Europe, the battery is a key component. The EU Commission expects that Europe's battery demand in this decade will see a 14-fold increase by 2030, spurred mostly by the expected 30 million electric vehicles in the EU by 2030. The expectation is the EU could cover the majority of its battery demand by the end of the decade.

### Description of the tasks to be performed by the contractee:

The study would therefore address the following main points:

- battery value chains of Li-Ion batteries, considering NMC and lithium iron phosphate (LiFePO<sub>4</sub>) battery types
- integrating batteries (cells, modules, packs) into OEM supplier chains (strategies by main OEMs, as in-house production, domestic /EU/ suppliers, non-EU imports) – For an EU overview the key countries to consider are: DE, FR, SE, IT and CEE (PL, HU), not the UK.
- value structure of a BEV (and also for the battery) and its development over time (with focus on labour input)
- price developments - looking at studies, taking account of a `pessimism bias` in most of the battery studies with view also to the Chinese target for 2030 of 30 €/kWh.

- reflection on the battery manufacturing competence and competitiveness at different locations
- an overview on battery manufacturing and location decisions in the past years (with focus on Germany, but possibly other major EU countries). Consider non-EU battery investments in Europe like CATL, Tesla, Samsung. European battery alliance - any significant development here?
- With all the above in mind, what employment effects can we expect for the broader automobile industry in Europe, how significant is an established manufacturing competence for batteries in Europe - contribution of battery manufacturing in terms of employment impact to the overall automobile industry estimate, contribution to the strategic analysis – (what is at stake for the automobile industry).
- A recent EU Commission proposal for EU standards on batteries and recycling - can the EU set its own standards and by that have an influence to favour own battery manufacturing - is there a case for `strategic autonomy'? (maybe as an outlook in the conclusions).

The study should have a length between 20,000 and 25,000 words and be written in English. The deadline for the first draft is 15th October 2021, for the final draft 15th January 2022.

### **GDPR rules**

The candidate / tenderer is required to comply with the requirements of the General Data Protection Regulation (GDPR), ensuring the processing, data security and data protection of data subjects when personal data are involved in the data protection in the framework of a future contract or intention to conclude a contract.

Further information on how the ETUI handles personal data and contact details is available on the privacy notice on the ETUI website at [www.etui.org](http://www.etui.org).

### **Duration and value of the tender**

The ETUI plans to conclude a contract with the successful bidder and award a contract from May 2021.

The overall value of the tender includes the work performed by the bidder (as well as the cost of any external help required) to complete the tasks listed in the description of the tender.

### **Award criteria:**

The bid will be awarded on the basis of “best value for money”, especially based on the quality of previous work or services rendered. The criteria will be assessed based on the elaboration of a proposal for the publication, CVs of the project manager(s) and price.

**Deadline for the submission of tenders:**

Candidates should send their bid, with a budget calculation, in electronic form to Nicola Countouris, Director of the Research Department, ETUI (e-mail assistant Sophie Kasiers: [skasiers@etui.org](mailto:skasiers@etui.org)) and to Bela Galgoczi [bgalgoczi@etui.org](mailto:bgalgoczi@etui.org) at the latest by 7th May 2021.

**Terms and conditions:**

1. The expertise requires a specialist with in-depth knowledge of the project topic and understanding of the European context. The bid must include a detailed C.V. in relation to the task described.
2. The overall value of the tender includes taxes and charges and the work performed by the bidder to complete the tasks listed above and provide the specified deliverables.
3. The ETUI and the contractee share the right to use all intellectual property which the contractee generates in fulfilment of the contract, the material results of which will be protected by copyright.
4. The winning bidder shall accept responsibility for any legal obligations entailed by the contract and is in particular required to provide his/her country of origine, the requisite tax statements relating to the services supplied.

Value added tax (VAT), where applicable, shall be shown separately on all invoices as a net extra charge. All other taxes, levies and expenses shall be borne by the contractor and shall not be included in the relevant invoices.

5. The winning bidder accepts all reporting obligations to the EU to which the ETUI is subject and in case of audit will cooperate to provide necessary information.
6. In case of disputes the Belgian courts will be competent.



The ETUI is financially supported by the European Union

**ANNEXES TO NOTICE  
REF.: ETUI call for tender N°2021 09 research**

**Annex 1 - Declaration on Honour**

**I HEREBY CERTIFY, AS CANDIDATE/LEGAL REPRESENTATIVE OF THE CANDIDATE,**

THAT THE CANDIDATE:

- is not bankrupt or being wound up, is not having his/her affairs administered by the courts, has not entered into an arrangement with creditors, has not suspended business activities, is not the subject of proceedings concerning those matters or is not in any analogous situation arising from a similar procedure provided for in national legislation or regulations;
- has not been convicted of an offence concerning his/her professional conduct by a judgment which has the force of *res judicata*;
- is not guilty of grave professional misconduct proven by any means which the contracting authority can justify;
- has fulfilled his/her 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 he/she is established or with those of the country of the contracting authority or those of the country where the contract is to be performed;
- has not been the subject of a judgment which has the force of *res judicata* for fraud, corruption, involvement in a criminal organisation or any other illegal activity detrimental to the Communities' financial interests;
- is not currently subject to an administrative penalty referred to in Article 96(1) of the Financial Regulation;

Signature ..... Date:

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THAT THE CANDIDATE /legal representative of the candidate:

- is not subject to any conflict of interest;
- that the candidate will inform the contracting authority, without delay, of any situation constituting a conflict of interest or which could give rise to a conflict of interest;

Signature ..... Date:

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To the best of my knowledge, all information provided is true and accurate.

Signature ..... Date:

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The ETUI reserves the right to check the information provided. Together with this form, duly signed, the candidate undertakes to send any additional document which the ETUI considers necessary to perform its checks.

By signing this form, the undersigned acknowledges that he/she accepts controls/audits from the European Commission under the same conditions as the ETUI.

Signature ..... Date: