

PROCUREMENT DOCUMENTS

Name of the procurement: **Charging station for electric vehicles V2G**
Eesti Energia AS procurement register no: EE-2831

1. General

- 1.1 Contracting Entity: Eesti Energia AS (registry code 10421629), Lelle 22 11318 Tallinn, Estonia.
- 1.2 Name of the Procurement: Charging station for electric vehicles V2G.
- 1.4 Person responsible for the procurement procedure: Procurement Manager Laura Saul, Mob: +372 556 65940, e-mail laura.saul@energia.ee.

2. Guidelines for preparing Procurement Documents

- 2.1. All related preparation of the tender are within the Technical Specification (Appendix I).
- 2.2. The Tender shall meet the requirements set out in the Procurement Documents and shall not be misleading in any manner whatsoever.
- 2.3. The Tender and all documents belonging with it shall be in English or Estonian.
- 2.4. Submission of tenders: **Tenders have to be submitted by 11:00 AM (Estonian Local Time GMT +02:00) on 15th May 2019 at the latest** and must be submitted electronically to the following email address, stating in the email subject field the tender reference number in brackets, without spaces, e.g. (EE-2831): tenders@enefit.com.

3. Tender Structure

- 3.1. Tenderer shall submit application for participation in the tender procedure on company letterhead and the form attached to the Procurement Documents (Appendix II. Form A);
- 3.2. The cost of the Tender shall be presented in Euros clearly and unambiguously as per the Tender Price Form (Appendix II. Form B).
- 3.2.1. The cost of the Tender shall be final and include all expenses incurred by the Tenderer in the performance of the procurement contract.
- 3.3. **Tender shall submit charger technical specification, charger installation, operation and maintenance instructions, communication protocols specification.**

4. Eesti Energia AS payment deadline is 35 days

- 5. Procurement total estimated value is 59 000 EUR (includes up to 4 signed Contract of Sale).
- 5.1. Contracts of Sale will be signed with up to 4 best Tenders from up to 4 different Tenderers

The following appendices belong with the Procurement Documents:

- Appendix I: Technical specification
- Appendix II: Tender Forms

Appendix I. Technical specification

Name of the procurement: Charging station for electric vehicles V2G. (EE-2831)

The products must comply with the following requirements:

1. Description of the subject of the contract

The item of the procurement is a V2G charging station for electric cars.

2. Technical and functional requirements

2.1. Input AC

- Voltage 400 VAC +/-10%
- 3-phase + N + PE
- Max 32A per phase
- Frequency 50 Hz +/-5%

2.2. Output DC

- Type 4, CHAdeMO, bidirectional
- Voltage range up to 500 VDC
- CHAdeMO JEVS G105 cable, minimum 3 meter long

2.3. Integrated components, safety and certificates

- Energy meter kWh meter, MID certified and reading grid frequency
- Short-circuit protection
- Over-current protection
- AC Earth leakage protection
- DC Earth leakage protection
- CE certificated
- IEC 61851-1

2.4. Communication and status indications

- English language
- Charging and Discharging Mode 4
- Charging and Discharging protocol CHAdeMO including V2G addenda
- Card reader RFID for user authentication
- Internet and Networking capabilities 2G/3G/4G modem and Ethernet/LAN
- Communication protocol OCPP 1.6 (JSON) including V2G fully supported, communication up to every second
- Possibility to point charger to any endpoint (IP) for OCPP communication without necessity to involve the charger producer
- Optional separately priced feature: REST API endpoint deployed to the charger to operate the charger and get the charger related information

2.5. Operating conditions

- Operating temperature -20°C up to 40°C
- Relative humidity 5 % to 95 % (without condensation)
- Electric Protection class I
- Minimum IP54 casing protection degree
- Minimum IK08 mechanical impact protection
- UV resistant
- Wall-mounted or ground mounted

2.6. Accessories

- All needed installation mounts
- Gun holder
- Optional separately priced feature: customized front plate based on Eesti Energia provided design

2.7. Additional

- Charger technical specification
- Charger installation, operation and maintenance instructions
- Communication protocols specification
- Technical contact to answer technical questions
- Firmware licencing, 1-year period with period extension conditions
- Remote support level 3 within normal working hours, 1-year period with period extension conditions

- 3.** The V2G charging station together with the accessories and documentation shall be delivered latest September 1st, 2019 to Lelle 22, Tallinn, Estonia.

Appendix II. Tender Forms
Form A. Application to Participate in Procurement

Name of the procurement: Charging station for electric vehicles V2G (EE-2831).

We have reviewed the Contracting Entity application and their annexes regarding the procurement entitled "Charging station for electric vehicles V2G" and we confirm that we consent to the terms contained therein and that our offer/tender only pertains to the circumstances on which the Contracting Entity has requested competitive tenders. The details of the Tenderer are given below:

Details of Tenderer	
Name of Tenderer	
Registry code	
VAT code	
Address	
(Authorized) representative of Tenderer	
Contact person and their details	
Financial identification	
Telephone	
E-mail address	
Fax	
Website (if any)	

1. We confirm that our price indication in the attached table (Form B) is completed as requested.
2. We hereby confirm that all enclosed documents are a consistent part of our tender.
3. This tender is valid for 60 days from the date of submission.

Tenderer's legal or authorized representative: _____

Date: _____

Signature: _____

Form B. TENDER PRICE

Name of the procurement: Charging station for electric vehicles V2G. (EE-2831)

TENDER PRICE

No.	Description	Total cost (EUR)
1.1	Charging station for electric vehicles V2G together with all needed installation mounts and gun holder.	
1.2	Firmware licensing, 1-year period with period extension conditions	
1.3	Remote support level 3 within normal working hours, 1-year period with period extension conditions	
1.4	Delivery cost at Lelle 22, Tallinn, Estonia	
	Total (VAT 0%), EUR (1.1+1.2+1.3+1.4)	
	Value Added Tax	
	Total price with VAT	

Comments: _____

Tenderer's legal or authorized representative: _____

Date: _____

Signature: _____

CONTRACT OF SALE No. 1111

Eesti Energia AS (hereinafter referred to as the 'Buyer' and/or 'Party'), registry code 10421629, represented by job title, name who is acting on the basis of an authorisation letter., (hereinafter referred to as the 'Seller' and/or 'Party'), registry code, represented by the member of the management board, who is acting on the basis of an authorisation letter.
For the purposes of this contract of sale (hereinafter the Contract), the Buyer and the Seller shall jointly be referred to as the Parties.	
Title of procurement: Charging station for electric vehicles V2G Reference number of the procurement: EE-2831	
1. Goods Charging station for electric vehicles V2G together with all needed installation mounts and gun holder. Firmware licencing, 1-year period with period extension conditions. And remote support level 3 within normal working hours, 1-year period with period extension conditions.	
2. Deadline for performance 2.1. The deadline for the performance of the Contract is 01.09.2019.	
3. Price of the Goods <i>(cost of work exclusive of VAT, possible to increase/decrease the amount or volume of work)</i>	
4. Payment procedure 4.1. The term of payment is thirty-five (35) calendar days from the receipt of the invoice. 4.2. The Buyer shall include, in addition to components required by the law, the number of the Contract of Sale to the invoice.	
5. Method and place of delivery of the Goods The V2G charging station together with the accessories and documentation shall be delivered latest September 1st, 2019 to Lelle 22, Tallinn, Estonia.	
6. Sales warranty 6.1. The Seller shall provide the Goods with a sales warranty from the moment of acceptance of the Goods by the Buyer to at least the end of the warranty period designated by the manufacturer, but not less than twenty-four (24) months.	
7. The contact persons of the Parties Contact person of the Buyer : Phone@energia.ee	Contact person of the Seller : Phone@.....
8. The Contract is comprised of the following Contract documents ranked in the following order: 8.1. Contract; 8.2. General Terms and Conditions of the Contract of Sale, approved by directive date, number ; 8.3. Annexes to the Contract "Code of Business Ethics for Contracting Parties of Eesti Energia" and "Occupational Health and Safety Requirements for Contractual Partners of Eesti Energia", as provided at https://www8.energia.ee/public/ee043.nsf/WebiOmaKJP?OpenFrameSet ; 8.4. Contract documents for procurement No. EE-2831; 8.5. The Seller's Tender; 8.6. Other documents required by the Contract or law. Annexes that make up the Contract shall be deemed to be mutually complementary and in the case of ambiguity or conflict, the ranking above shall be adhered to. The Parties hereby confirm that they have examined all of the Annexes.	
9. The contract enters into force after it has been signed by the Parties.	

Buyer: <i>Eesti Energia AS</i> Lelle 22, 11318, Tallinn, Republic of Estonia Phone +372 46 52 222 E-mail: info@energia.ee	Seller: <i>Name of company</i>, Republic of Estonia Phone E-mail:@.....
<i>/signed digitally/</i>	<i>/signed digitally/</i>