



TECHNICAL SPECIFICATION

Metal recovery from anodes and cathodes from a BM2.7 gen.4 electrolyzer – waste code

06 07 99

For any information regarding the subject of the tender, please contact:

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1. Technical Specifications:

The subject of the contract is the recovery of metals from used anodes and cathodes used in the chlorine production process using membrane electrolysis (BM2.7 gen. 4 cell type). The electrodes have been pre-classified under waste code 06 07 99 (Basel Convention code – unclassified, requires notification). The final decision on the management/settlement of the recovered metals, which the Bidder proposes in its bid, will be made by ANWIL S.A.

Anode

Active area: 2.721 m²

Material: Titanium, Ti/0.2% Pd stabilized inlet distributor

Coating: Precious metal coating (RuO₂-TiO₂ or RuO₂-IrO₂-TiO₂)

Type: Louvered

Quantity: approx. 250 kg

Cathode

Active area: 2.721 m²

Material: Nickel

Coating: Precious metal coating (RuO₂-TiO₂)

Type: Mesh

Quantity: approx. 250 kg

2. Scope of work/delivery:

- 2.1. Analysis for metal content.
- 2.2. Recovery of metals from anodes and cathodes in accordance with applicable laws and decisions authorizing the provision of the service.
- 2.3. Maintaining documentation of the recovery process.

3. Completion time:

3.1 Six (6) months from the date of signing the Agreement.

For domestic contractors, anodes and cathodes will be available for collection immediately after signing the Agreement. In the case of foreign companies, transport is the responsibility of bidder.

4. Technical conditions for the performance and receipt of the service/delivery:

- 4.1. Transport in the case of Polish Bidders shall be provided by the Contractor. In the case of foreign companies, the transport is on the side of ANWIL S.A. The transporting company must carry out the transport with a vehicle adapted for this purpose. It must also have insurance against possible negative events related to the implementation of transport – e.g. destruction of the cargo or improper transport, which would result in a financial burden on ANWIL S.A.
- 4.2. In order to determine any losses in the cargo that could occur during transport, the load will be weighed twice – when transported from ANWIL S.A. and at the Contractor's destination.
- 4.3. Taking representative samples (according to the procedure presented by the Contractor and accepted by the Client) and analyzing them in terms of metal content, with the participation of the so-called third party, which will confirm the result of the analysis (metal content).

5. Requirements:

The Contractor declares that:

- 5.1. All authorizations mentioned in point 5 "Requirements" will be valid during the performance of the Agreement and can at any time be subject to an audit by ANWIL S.A. representatives at the Bidder's premises.
- 5.2. Will submit offers in Polish or English.
- 5.3. The offer should include the valuation for which the Buyer intends to recover metals from anodes and cathodes, collect anodes and cathodes from ANWIL S.A., and repurchase precious metals obtained during the recovery process.
- 5.4. The valuation must include all additional fees resulting from the execution of the order.
- 5.5. Will bear all costs related to the preparation and submission of the offer and has no right to claim reimbursement of these costs.
- 5.6. Confirmation that the Bidder has read and accepts the terms of this inquiry.
- 5.7. Attachment of the current KRS excerpt or a certificate of entry in the CEIDG (in the case of consortia – submission of a copy of the consortium agreement and the power of attorney of the consortium leader to represent the other members of the consortium is required).
- 5.8. Confirmation that the Bidder has read and accepts the terms of this inquiry.
- 5.9. Confirmation that the Bidder has read and accepts the DOCUMENT: Conditions of Participation in the Procurement Procedure.
- 5.10. Certificate from the Tax Office confirming VAT active status (not older than 3 months), that the bidder is a registered active VAT taxpayer.

6. The technical offer should include:

- 6.1. Confirmation of having familiarized oneself with the terms of this specification along with their acceptance.
- 6.2. A statement confirming experience in the recovery of metals from anodes and cathodes.
- 6.3. A statement confirming technical capabilities to carry out the process which is the subject of this inquiry.
- 6.4. Confirmation of the possibility for ANWIL S.A. to conduct an audit verifying the declared technical capabilities to carry out the process which is the subject of this inquiry and the

- compliance of its execution with the requirements set out in the specification both during the purchasing process and throughout the term of the contract.
- 6.5. Statement that the Bidder is an authorized recipient of the waste covered by the inquiry within the meaning of the applicable legal provisions governing waste collection.
 - 6.6. Statement that the Bidder will provide a declaration confirming the completion of the final recovery of waste in accordance with the applicable legal regulations.
 - 6.7. Description of the process of recovering metals from anodes and cathodes (including the designation of the recovery process) and the sampling procedure.
 - 6.8. Presentation of the address of the recovery facility.
 - 6.9. In the case of performing the recovery process domestically, it is required:
 - a) Confirmation of the Bidder's authorizations for waste collection and transport by:
 - attaching to the offer copies of the relevant waste management permits (with the specified waste with code 16 03 04);
 - providing the registration number in the BDO register authorizing the transport of the waste covered by this inquiry. In case the company collecting the waste uses the services of a waste transporting company, it is necessary to provide the registration number in the BDO register authorizing the transport of the waste covered by this inquiry by the indicated company or a statement that the Bidder will not use the services of a waste transporting company.
 - b) A statement that the Bidder undertakes to immediately confirm the receipt of the waste and its transport in BDO.
 - 6.10. In the case of performing the service outside the country, the following is required:
 - a) Confirmation of the Bidder's authorization to process waste by attaching to the offer copies of the relevant permits in the field of waste management (with the specified waste coded 16 03 04) along with a version translated into Polish or English;
 - b) Confirmation of readiness to comply with all formalities resulting from Regulation (EU) 2024/1157 of the European Parliament and of the Council of 11 April 2024 on the shipment of waste, amending Regulations (EU) No 1257/2013 and (EU) 2020/1056, and repealing Regulation (EC) No 1013/2006.