

RFI - Request for information „RFI for potential technologies or solutions that could extend the life of the Penex catalyst by reducing the CO and CO2 content in the make-up hydrogen gas in the Isomerisation unit”

Process number: PKN/2/001117/25

ORLEN S.A. Płock

REQUEST FOR INFORMATION (RFI)

referring to potential technologies or solutions that could extend the life of the Penex catalyst by reducing the CO and CO2 content in the make-up hydrogen gas in the Isomerisation unit

RFI - Request for information „RFI for potential technologies or solutions that could extend the life of the Penex catalyst by reducing the CO and CO₂ content in the make-up hydrogen gas in the Isomerisation unit”

ORLEN S.A. (hereinafter referred to as the “**OWNER**”) prepared this REQUEST FOR INFORMATION (hereinafter referred to as “**RFI**”) and hereby is enquiring for your interest to take part in the process (“**RFI PROCESS**”) referring to seeking information on potential technologies or solutions that could extend the life of the Penex catalyst by reducing the CO and CO₂ content in the make-up hydrogen gas in the Isomerisation unit.

The Company or companies grouped in a consortium who have expressed an interest in participating in the RFI PROCESS – „**BIDDER**”.

1. PURPOSE OF INQUIRY

As part of this REQUEST FOR INFORMATION (RFI), ORLEN is seeking information on potential technologies or solutions that could extend the life of the Penex catalyst by reducing the CO and CO₂ content in the make-up hydrogen gas in the Isomerisation unit.

It is well known that carbon monoxide contained in make-up hydrogen gas is the main cause of isomerization catalyst deactivation. High levels of CO in the make-up gas are permanently deactivating any Cl-Al isomerization catalyst by water/oxygenates (CO reacts to form water in Penex reactors).

It is expected that the implementation of CO and CO₂ reduction technology may extend the proper operation of the catalyst and will directly reduce operating costs by reducing the frequency of catalyst purchases and replacement services.

The offered technology or solution cannot introduce other chemical compounds that may damage the Penex catalyst (e.g. oxidants, oxygen compounds, water, heavy metals).

The OWNER expects that the BIDDER can propose a complete solution or system as a whole package (e.g. assembled on a skid).

The OWNER expects the BIDDER to provide information about potential future interest in participating in the purchasing procedure for the execution of the Feasibility Study or acting as a Supplier or Contractor of the task in question.

For this purpose the OWNER requests information on possible solutions that can be implemented in their Isomerisation unit. The proposed solution(s) must be supported with a reference list of operational solutions in refineries.

We encourage you to respond to this RFI by submitting RESPONSE to RFI in accordance with the Attachment no. 1 to this particular RFI.

All correspondence and submission of RESPONSES takes place via CONNECT platform.

2. PLANNED SCHEDULE OF THE RFI PROCESS:

Planned dates of the RFI PROCESS:

- Signature of the Information Protection Agreement by authorized persons, in accordance with the REQUEST FOR INFORMATION: within 2 weeks from publication of this RFI
- Submission of complete RESPONSES to the RFI signed by authorized persons, in accordance with the REQUEST FOR INFORMATION: within 4 weeks from publication of this RFI

The OWNER reserves the right to change the above dates.

3. RULES OF PARTICIPATION IN THE RFI PROCESS

3.1. A complete RESPONSE should be submitted in the RFI PROCESS in accordance with this INQUIRY.

3.2. In the event of the will to establish a consortium for the purpose of implementing the declared scope, it is required to submit a statement on the will to establish a consortium or a letter of intent and to indicate the planned consortium leader.

3.3. The OWNER reserves the right to change or supplement these terms at a later stage of the RFI PROCESS.

4. SUBMISSION OF THE RESPONSE TO RFI

4.1. The RESPONSE should be submitted on the CONNECT Platform, by completing all the items in the form and attaching the required information / documents specified in this REQUEST FOR INFORMATION within the required time.

4.2. In the RESPONSE to RFI please submit the following documents:

- The list of persons authorized to sign the Offer (or any documents constituting the offer) or any activities connected with preparing the Offer and any documents connected with the RFI PROCESS, also to corresponding on behalf of the BIDDER;
- Register documents of the BIDDER;
- RESPONSE to RFI in accordance with the Attachment no. 1;
- Duly signed Information Protection Agreement (IPA) (in case of electronic signature qualified electronic signature is required) in accordance with the Attachment no. 3.

4.3. The submitted RESPONSE should be signed by a representative of the BIDDER authorized in accordance with the National Court Register or authorized by a relevant power of attorney.

4.4. In case of resignation from submitting the RESPONSE, please send a short message on the CONNECT Platform giving the reason for resignation and then select the 'Resign' button (the order of actions is important).

4.5. Please direct all questions for additional information and clarifications through the CONNECT Platform ("Ask the ordering party" button) within the time limit set in the system. The answer will be sent in the same way.

4.6. Subject to point 4.7, the content of the questions and explanations of the OWNER are forwarded via CONNECT Platform to all the BIDDERS, without disclosing the source of the question, provided that the questions may be forwarded to the OWNER no later than 3 business days before the deadline for submission of RESPONSES. After this date, the OWNER reserves the right not to answer any questions.

4.7. If the content of the question concerns a unique solution used by the BIDDER, which cannot be disclosed to other participants of the RFI PROCESS (as indicated by the BIDDER), the OWNER reserves the right to answer the question only to the BIDDER that asked the question.

4.8. The OWNER reserves the right to refuse to answer questions without giving reasons.

5. RESPONSE SUBMISSION REQUIREMENTS:

Due to CONNECT system conditions, RESPONSE to RFI should be attached in the tab titled „OFFER”.

6. CONFIDENTIALITY

6.1. Within 2 weeks from publication of this RFI the BIDDER shall sign and submit to OWNER (through Questions & Answers on the CONNECT Platform) the Information Protection Agreement (IPA) as per Attachment 3 to this RFI which is a condition to receive OWNER's confidential information (including, but not limited to, technical requirements for CO and CO₂ content, simplified diagram of the unit).

6.2. The BIDDER undertakes to treat as confidential any and all information and materials obtained during this RFI PROCESS. Information regarding the fact of the BIDDER'S invitation to participate in RFI PROCESS, the fact of submitting the RESPONSE TO RFI cannot be provided by the BIDDER for publication of such information or transfer to any third parties, without a written permission from the OWNER. If it is necessary to obtain information from subcontractors / sub-suppliers, the BIDDER may provide them with information to the extent necessary to obtain this information, under the condition of concluding with them IPA's with at least same level of protection as the IPA binding the BIDDER and the OWNER. The BIDDER shall archive these agreements and shall, upon the OWNER's request, forward to the OWNER one fully executed copy of the said IPA for any third parties receiving the above-mentioned information.

7. ADDITIONAL INFORMATION/RESERVATIONS:

7.1. ORLEN S.A. is not bound by the provisions of the Act of 11 September 2019 Public Procurement Law, in force from 1 January 2021.

7.2. The BIDDER acknowledges and accepts that all communications received during the RFI PROCESS, irrespective of the form of their expression, are for information only and will not be considered as a declaration of will leading to the conclusion of the contract.

As part of the RFI PROCESS, it is not planned to conclude an Agreement between the parties for the scope indicated in the Attachment no. 1. The RFI PROCESS is for market analysis only. The RESPONSE to RFI does not constitute an offer within the meaning of art. 66 of the Civil Code and provisions regarding auctions and tenders within the meaning of art. 70 (1) - 70 (5) of the Civil Code do not apply.

7.3. The BIDDER shall bear all costs related to the preparation and submission of the RESPONSE and participation in the RFI PROCESS, and the OWNER shall in no case be responsible for any of these costs regardless of the manner of conducting or the outcome of the RFI PROCESS. The OWNER does not reimburse any costs related to the preparation and submission of the RESPONSE to this INQUIRY. Regardless of the results of the PROCEEDING, OWNER shall not be liable or obliged to cover the costs or losses related to the preparation and submission of the RESPONSE.

7.4. OWNER reserves the right to change the conditions contained in the RFI DOCUMENTS, cancel the RFI PROCESS or reject all the responses.

7.5. The BIDDER is obliged to read the terms of this INQUIRY. Submission of the RESPONSE in the RFI PROCESS is equivalent with acceptance of all conditions contained in this REQUEST FOR INFORMATION.

7.6. OWNER reserves the rights to refuse issuing references without stating the reasons.

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All information about the RFI PROCESS can be obtained from:

Adam Dymek
E-mail: Adam.Dymek@orlen.pl
Mobile: +48 603 134 862

and / or

Tomasz Ostojski
E-mail: Tomasz.Ostojski@orlen.pl
Mobile: +48 669 950 009

Investment Project Procurement Team
Procurement Area
ORLEN S.A.

LIST OF ATTACHMENTS:

Attachment 1 - The list of requirements for the BIDDER

Attachment 2 - Information clause

Attachment 3 - Information Protection Agreement (IPA)-PENEX-template

Attachment 1 - The list of requirements for the BIDDER

Requirements for the content of submitted technical offer:

The BIDDER is requested to provide the following information in his offer:

1. **Description of the technology/solution** – information in the form of a presentation, which will include at least:
 - ✓ Basic information, process description, all assumptions, technical requirements (including necessary utilities) and implementation constraints of the proposed technology/solution to enable the OWNER to make a preliminary assessment of the possibility of using the technology/solution to improve the existing facility;
 - ✓ Conceptual diagram of the BIDDER’S technology/solution (e.g. by marking the proposed assembly location of your technology/solution on the simplified diagram provided);
 - ✓ Approximate minimum time for project implementation.

2. Reference list

The BIDDER should provide a list of references regarding the implementation of the offered technology or solution in the refinery or petrochemical industry. References should be from the last 15 years. The OWNER is looking for technologies with industrial applications that enable continuous operation of the unit. The BIDDER may also present projects that are currently ongoing. The BIDDER is requested to provide a reference list of the proposed technology, including:

- ✓ Location and Client (if not confidential);
- ✓ Date of implementation (with a clear distinction between units in operation and in construction or design);
- ✓ CAPEX (if not confidential);
- ✓ Short description of the project (e.g. in which production process the proposed technology was implemented, the approximate value of purified hydrogen gas stream flow rate, the effects achieved in reducing the content of CO and CO₂ in hydrogen gas, guarantees provided).

Attachment 2 - Information clause

Information clause for members of corporate bodies, proxies, representative of the Tenderer/Contractor/Mandatar/Contracting Party/Supplier* and employees or associates who are contact persons or employees or associates who cooperate with Tenderer/Contractor/Mandatar/Contracting Party/Supplier at the conclusion and implementation of the Agreement.

(fulfilment of the information obligation under Article 14(1) and (2) of the General Data Protection Regulation of 27 April 2016)

1. ORLEN S.A. with its registered office in Płock, ul. Chemików 7 informs that its the controller of your personal data. Contact phone numbers to the controller: (24) 256 00 00, (24) 365 00 00, (22) 778 00 00.
2. You can contact the Data Protection Officer in ORLEN S.A. by e-mail to: daneosobowe@orlen.pl. You can also contact the Data Protection Officer in writing to the address of the registered office of ORLEN S.A., indicated in item 1, with additional information „Inspektor Ochrony Danych” (Data Protection Officer). Contact details of the Data Protection Officer are also available in the "Contact" tab at www.orlen.pl.
3. Your personal data, provided to ORLEN S.A. by**, (an entity cooperating with ORLEN S.A. or intends to cooperate with ORLEN S.A.), include, depending on the type of cooperation, necessary data to represent the legal person, data included in the documents confirming your authorisations or experience or constituting a product of the performance of the agreement, held by you.
4. Your personal data may be processed by ORLEN S.A., depending on the type of cooperation, for the following purposes:
 - a) performance of the agreement concluded with ORLEN S.A., whose party is / will be, the entity indicated in item 3, in particular for the purpose of verification of the declarations made by, the entity indicated in item 3, including confirmation of representation, the qualifications of the persons designated for the performance of the agreement, contact in the course of the performance of the agreement, exchange of correspondence, granting powers of attorney for representation of ORLEN S.A., proper performance of the agreement, control, settlement of the agreement, compliance with the principles of confidentiality and occupational health and safety,
 - b) handling, pursuing and defence of claims, if any, including claims between you and ORLEN S.A. or between ORLEN S.A. and the entity indicated in item 3.
 - c) fulfilment of legal obligations imposed on ORLEN S.A., including in particular the obligations of the obliged institution under the Prevention of Money Laundering and Financing Terrorism Act, the Construction Law, the Regulation of the European Parliament and of the Council on market abuse or other provisions result from the specificity of the Agreement.
5. The legal grounds for the processing by ORLEN S.A. of your personal data, depending on the type of cooperation, for the purposes defined in Section 4 above include:
 - a) legally justified interest of ORLEN S.A. (pursuant to Article 6(1)(f) of the GDPR) in order to enable correct and effective performance of the agreement concluded between ORLEN S.A. and the entity indicated in item 3,
 - b) fulfilment of legal obligations (in compliance with Article 6(1)(c) of the GDPR) imposed on ORLEN S.A.
6. The scope of personal data processed by ORLEN S.A. may include depending on the function and scope of cooperation, data: name and surname, position, function, business telephone number, business e-mail address, PESEL number, information about the rights and qualifications you have.
7. Your personal data may be disclosed by ORLEN S.A. to entities cooperating with it (data recipients), including companies from ORLEN Capital Group, if it is necessary to achieve the purposes of processing indicated in item 3 to entities participating in purchasing processes, entities providing IT services in the scope of delivery of correspondence and shipments, protection of persons and property, assurance of occupational health and safety, consulting services, legal services and archiving services.
8. Your personal data are processed for the period necessary for implementation of legitimate interest of ORLEN S.A. and performance of obligations under the legal provisions. The data processing period may be extended only in the instances and to the extent as are provided for by the law.
9. In connection with the processing of your personal data you have the following rights:
 - a) the right to access the content of your data,
 - b) the right to require rectification of your personal data,
 - c) the right to require erasure of your personal data or limitation of processing,
 - d) the right to object, in the event your personal data are processed by ORLEN S.A. on the basis of its legitimate interest; the objection may be made due to a special situation.You can send a request regarding the implementation of the above-mentioned rights by e-mail: daneosobowe@orlen.pl or in writing to the address indicated in item 1 with additional information „Inspektor Ochrony Danych”.
10. You may file a complaint with the President of the Personal Data Protection Office.

**Delete inappropriate words*

***Enter the name of the Tenderer/Contractor/Mandatar/Contracting Party*