



Qualification Process for supply of the Hydrogen Sulphide Scavenger Additive for Raw Gasoline for ORLEN Południe S.A.

1. Introduction

ORLEN S.A. on behalf of ORLEN Południe S.A. (hereinafter – OPD or the Buyer) invites you to participate in the qualification process for supply of the Hydrogen Sulphide (H₂S) Scavenger Additive for Raw Gasoline.

Detailed technical requirements are presented as an attachment No. 1.

The ORLEN Group is one of the largest integrated energy companies in Central and Eastern Europe. The Group operates seven refineries in Poland, Lithuania and Czechia with a combined crude oil processing capacity of 42.6 million tonnes per year. ORLEN markets its products through the largest retail network in the CEE region, comprising approximately 3,500 fuel stations across seven countries. The Płock refinery, with a processing capacity of 16.3 million tonnes per year, is one of the most advanced refining and petrochemical sites in Europe. ORLEN Lietuva operates the only refinery in the Baltic States, with an annual capacity of 10.2 million tonnes, while ORLEN Unipetrol's refineries in Kralupy and Litvínov provide a combined processing capacity of 8.7 million tonnes per year.

2. Testing of H₂S Scavenger

The offered product will be tested to verify the efficiency of H₂S reduction, according to the detailed information in att. No. 1 - technical requirements.

3. Sample submission

The Bidder, taking part in the process is required to prepare and deliver samples of Product, in accordance to the presented technical requirements (att. No. 1).

Address for sending samples: ORLEN Południe S.A., ul. Fabryczna 22, 32-540 Trzebinia, Poland,
Contact person: Dawid Karczewski, mob. +48 605 190 526
Samples should have a volume of 200 ml, any packaging.

Samples should be delivered on the basis of DDP Orlen Południe S.A. – (status T2 – after clearance and all customs fees - transport, customs clearance and customs duties on the Bidder's side).

Delivery of a sample in suspension of excise duty collection via e-AD to the tax warehouse No. PL35100008346

The samples should be delivered with the following documents:

- technical specification of the offered additive package, dosage rate given in ppm for liquid and gas phases.
- statement about the compliance with the REACH Regulation EC No 1907/2006 dd. 01.06.2007.



- Product Data Sheet for offered product in local language (Polish).
- Safety Data Sheet for offered product in local language (Polish).

All the required documents are to be attached on the Connect platform.

The deadline for passing the samples to ORLEN Południe S.A. corresponds to the deadline for submitting offers stated in the CONNECT platform. Please note that samples need to be notified via e-mail to Dawid.Karczewski2@orlen.pl and Zuzanna.Zalinska@orlen.pl

Notification should contain: country of origin, CN code and density of the delivered product, recommended dosage rate.

Non-notified samples will not be accepted.

4. Time frames for RFI process

The qualification process is designed to select suppliers whose products meet the ORLEN Południe S.A. technical requirements.

Suppliers who achieve "qualified" status in the RFI Qualification Process will be invited to the RFP/RFQ process (suppliers selection and conclusion of contracts).

In RFP/RFQ process ORLEN Group reserves the right to select at its sole discretion the company/companies for further negotiations and conclusion of the agreement. ORLEN Group reserves the right to conclude the agreement with more than one Supplier; reserves the right to cancel, close the Supplier selection procedure and withdraw from negotiations at any time and without giving any reason. In this case, the Bidders shall not be entitled to make any claims against the Buyer.

5. Communication

All questions or remarks please direct via Connect Platform.

Contact data:
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Biocomponents and Fuel Additives Procurement Team
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ul. Bielańska 12, 00-085 Warszawa
mob. +48 887 077 830
e-mail: Zuzanna.Zalinska@orlen.pl

6. General remarks

ORLEN Spółka Akcyjna
with its registered office in Płock at the following address: ul. Chemików 7, 09-411 Płock,
entered into the Register of Entrepreneurs kept by the District Court for Łódź – Śródmieście in Łódź,
XXth Commercial Division–National Court Register under KRS no. 0000028860,
NIP no. PL774-00-01-454, with fully paid-up share capital: PLN 1.451.177.561,25,
Registration number BDO: 000007103.
www.orlen.pl



6.1 The Bidder may submit questions related to the tender procedure via Purchasing Platform CONNECT in section Questions/Answers. ORLEN Group reserves the right to refuse providing certain information without giving any reason;

6.2 ORLEN Group reserves the right to withdraw from the tender procedure at any stage and without giving any reason;

6.3 All costs related to elaboration and submitting of the offer shall be borne by the Bidder. Regardless of the results of tender procedure, the Bidder is not eligible for any claims against the ORLEN Group. The ORLEN Group shall not be responsible in any way of costs or losses borne by the Bidder in regards to the elaboration and submission of the Offer;

6.4 The Bidder shall undertake to treat any information stemming from this purchase process and submitted by the ORLEN Group during purchase process as confidential;

6.5 ORLEN Group reserves the right to independently verify information presented by the Bidder in the Offer;

6.6 The Offer shall be submitted in English or Polish language.

7. GDPR information obligation

The Data Administrator is:

ORLEN S.A. based in Płock, ul. Chemików 7, (hereinafter: ORLEN S.A.) informs that it is the administrator of your personal data. Contact telephone numbers for the data administrator: (24) 256 00 00, (24) 365 00 00, (22) 778 00 00.

To contact the Data Protection Inspector at ORLEN S.A. The following e-mail address is used: Daneosobowe@orlen.pl. You can also contact the Data Protection Inspector in writing to the address of the registered office of ORLEN S.A., indicated in point 1, with the note "Data Protection Inspector". Data regarding the Data Protection Inspector are also available on the website www.orlen.pl in the "Contacts" tab.

8. Attachments

1. Technical requirements for Hydrogen Sulphide Scavenger

Zuzanna Zalińska

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TECHNICAL REQUIREMENTS

ORLEN Południe S.A. – Hydrogen Sulfide Scavenger – Raw Gasoline

Attachment no. 1. - Technical requirements for Hydrogen Sulphide Scavenger

The scavenger will be dosed during the finished product blending process in order to meet the quality requirements.

Intermediate product – raw gasoline:

- IBP 30°C
- FBP 200°C
- H₂S 30–50 ppm – UOP 163-10
- Total sulfur <0.15% (m/m)
- Oxygenated compound content approx. 20–50 ppm
- Organic chloride content [mg/kg] <1 ppm
- Appearance: clear liquid

Requirements for the finished product:

- IBP 30°C
- FBP 200°C
- H₂S <1 ppm – UOP 163-10
- Total sulfur <0.15%
- Oxygenated compound content <50 ppm
- Organic chloride content [mg/kg] <1 ppm
- Appearance: clear liquid

Requirements for the additive:

- The use of the scavenger must enable the finished product parameters to be met.
- The scavenger should be miscible with gasoline and should not precipitate insoluble compounds or deposits.
- The additive should not react with other additives used in the finished product blending process.
- Maximum additive dosage level relative to the product: 500 ppm.
- No negative impact, among others, on the water separated from raw gasoline – the possibility of discharging the water to the plant wastewater treatment facility.

Dosing point, product route and analytics

The additive will be dosed immediately downstream of the pump delivering the product directly after the crude oil distillation process, which will ensure proper mixing of the additive.

The product containing water from the crude oil distillation process is transferred to an overflow tank, where the water is initially separated. Then, further downstream, there is another tank where the remaining water is separated. After settling and dewatering, the product is pumped to the storage tank.

TECHNICAL REQUIREMENTS

ORLEN Południe S.A. – Hydrogen Sulfide Scavenger – Raw Gasoline

The conditioned product is tested using a hydrogen sulfide detection strip. If hydrogen sulfide is detected, the UOP 163-10 method is followed in order to precisely determine the hydrogen sulfide content. Estimated annual quantity of raw gasoline to be conditioned: 100,000 tonnes +/- 20%.