

## Purchase of Sodium hydroxide in Q2 of 2018.

No. 01-05-18

### Invitation for submission of Bids for Sodium hydroxide Purchase

Dear Sirs,

We "HIP-Petrohemija" a.d. Pancevo would like to inform you that we will be in a position to collect bids for purchase of **Sodium hydroxide (Caustic soda)**.

The offer has to be prepared in full compliance with this Invitation.

Please see the details below:

#### General description of the Invitation

Product name	Sodium hydroxide(Caustic soda)  Note: Please submit the offer for dry mater (100% caustic soda, not for the solution in which the product is transported).
Quantity	300 MT in total for Q2, 100 MT per month
Delivery terms	DAP Pancevo
Delivery time	Second quarter of 2018, on a monthly basis, starting from second half of May.
Package	Bulk, in sellers RTC's
Payment	a) 100% advance payment shall be executed for the scheduled nominated delivery based on seller's proforma invoice one business day after submission of advance payment guarantee by the seller. The guarantee should be submitted electronically, through Swift on address:DBDBRSBG (BANCA INTESA AD.BEOGRAD). b) Upon arrival of RTC in Pancevo and presentation of CIM and CoA.
Quality	In accordance with Specification attached. Please provide Your specification for the product with the offer.

Purchaser reserves the right to give up the submission.

Upon receiving the offers the Purchaser reserves the right to invite the bidders to negotiate.

Purchaser reserves the right to cancel the purchase without an obligation to compensate any damage to the Bidders. Publication of the invitation for bidding and performing the proceedings does not obligate the Purchaser to make a Contract.

## **Announcement of the invitation and contact details**

Invitation for submission of bids will be published on "HIP-PETROHEMIJA" a.d.  
Pancevo website:

<https://www.hip-petrohemija.com/supply-chain/procurement/tenders.170.html>

Please, be so kind to send us back the offer until **09<sup>th</sup>** of May **2017, 12:00 h, Belgrade time (GMT +1)** on  
E-mail address:

[predrag.popovic@hip-petrohemija.rs](mailto:predrag.popovic@hip-petrohemija.rs)  
[nikola.krstic@hip-petrohemija.rs](mailto:nikola.krstic@hip-petrohemija.rs)

If you have any question please feel free to contact:

**Mr. Nikola Krstic, Chief for the Purchase of Raw Materials and  
Chemical Purchase**

**Mr. Milan Vitomirov, Associate for the Purchase of Raw Materials and  
Chemical Purchase**

on the e-mail addresses stated above or by calling:

Tel : + 381 13 348 147

Mob: Nikola Krstić + 381 64 8566 027

Milan Vitomirov +381 64 8566 368

All information regarding SDSs and TDSs, name of the producer and country of origin must be sent together with the offer on the above mentioned e-mail addresses.

## **Selection of the best offers and the notice of the Commission`s decision**

Purchaser reserves the right to select more than one offer as the best bid.

Upon evaluation of all bids sent, the Commission shall notify its decision to all participants.

**The main criterion for selection of the best bid is price offered.**

Sincerely yours,

Supply chain  
Purchase Department


**Offer**

<b>Price Formula (USD) Delivery terms DAP Pancevo</b>	
<b>Payment Terms</b>	
<b>Validity of the Offer (Min. 30 days)</b>	<b>Validity of the Offer _____ days</b>

<b><i>Name of the company</i></b>	
<b><i>Full address of the company</i></b>	
<b><i>Representative of the company</i></b>	
<b><i>Contact person</i></b>	
<b><i>E-mail</i></b>	
<b><i>Phone</i></b>	
<b><i>Mobile phone</i></b>	

---

Stamp, signature

	<b>INPUT MATERIAL SPECIFICATION</b>	Code: SP0400-SC20 Issue: 5 Page: 1 of 3
Name: <b>Sodium hydroxide</b>		

## 1. SUBJECT AND PURPOSE OF THIS SPECIFICATION:

The subject of this specification is to define required properties of *Sodium Hydroxide* used for ion exchanging resins regeneration in the process of demineralised water production. Its purpose is to ascertain quality compliance with the specified requirements, as acceptance criterion, for making purchasing agreements and for reception i.e. unloading Sodium hydroxide into appropriate tanks of the Utility Plant.

## 2. APPLIED IN:

Utility Plant  
 Laboratory Department  
 Purchasing Department  
 Logistics Department  
 Production Planning

## 3. REFERENCES TO OTHER DOCUMENTS:

SRPS H.B1.031

**4. MADE BY:** Dana Momčilović, Assistant Process Manager


**5. CONTROLLED BY:** Zorica Glavonić, Laboratory Dept. Manager

**6. APPROVED BY:** Radan Ristić, Plant Manager

## 7. TO BE DELIVERED TO:

Quality and Standardization Department Manager (1x)  
 Production Department Manager (1x)  
 Utility Plant Manager (1x)  
 Purchasing Department Manager (1x)  
 Production Planning (1x)  
 Laboratory Department Manager (1x)

	Made by:	Approved by:		Applied since	Copy No.
Position:	Assist. Process Mng.	Lab. Dept. Mng.	Plant Manager	02.06.2014	
Name:	<i>Dana Momčilović</i>	<i>Zorica Glavonić</i>	<i>Radan Ristić</i>		
Signature:					

	<b>INPUT MATERIAL SPECIFICATION</b>	Code: SP0400-SC20 Issue: 5 Page: 2 of 3
Name: <b>Sodium hydroxide</b>		

## 8. TECHNICAL PROPERTIES

**Table 1** shows the technical properties of Sodium hydroxide which serve as basis for establishing the product quality conformity.


**Table 1      TECHNICAL PROPERTIES**

Ord. No.	PROPERTY	METHOD	UNIT	VALUE
1.	Appearance	SRPS H.B1.031	-	Colourless, clear liquid
2.	Sodium hydroxide	SRPS H.B8.661	% (m/m)	min 45
3.	Sodium carbonate	SRPS H.B8.663	% (m/m)	max 0.3
4.	Sodium chloride	SRPS H.B8.680	% (m/m)	max 0.05
5.	Sodium sulphate	SRPS H.B8.666	% (m/m)	max 0.02
6.	Silicium dioxide	SRPS H.B8.667	ppm (m/m)	max 100
7.	Aluminium oxide	SRPS H.B8.682	ppm (m/m)	max 10
8.	Calcium oxide	SRPS H.B8.672	ppm (m/m)	max 10
9.	Magnesium oxide	SRPS H.B8.672	ppm (m/m)	max 5
10.	Iron	SRPS H.B8.670	ppm (m/m)	max 5
11.	Manganese	SRPS H.B8.675	ppm (m/m)	max 5
12.	Mercury	SRPS H.B8.678	ppm (m/m)	max 1
13.	Copper	MA0745-UP020	ppm (m/m)	max 0.5
14.	Nickel	SRPS H.B8.676	ppm (m/m)	max 1

## 9. DELIVERY AND PACKAGING:

Delivery is made by tank trucks and the product is stored in appropriate tanks.

	Made by:	Approved by:		Applied since	Copy No.
Position:	Assist. Process Mng.	Lab. Dept. Mng.	Plant Manager	02.06.2014	
Name:	<i>Dana Momčilović</i>	<i>Zorica Glavonić</i>	<i>Radan Ristić</i>		
Signature:					

	<b>INPUT MATERIAL SPECIFICATION</b>	Code: SP0400-SC20 Issue: 5 Page: 3 of 3
Name: <b>Sodium hydroxide</b>		

## 10. MARKING AND ACCOMPANYING DOCUMENTS

The product is marked in accordance with the SRPS H.B1.031

Accompanying documents:

- manufacturer's test report for NaOH
- delivery note

## 11. CRITERION FOR ESTABLISHING PRODUCT ACCEPTABILITY

Sodium hydroxide conforms to the specification if the following requirements are fulfilled:

**NaOH content**            **45 – 50 %**

**Iron content**            **max 0.0005 %**

	Made by:	Approved by:		Applied since	Copy No.
Position:	Assist. Process Mng.	Lab. Dept. Mng.	Plant Manager	02.06.2014	
Name:	<i>Dana Momčilović</i>	<i>Zorica Glavonić</i>	<i>Radan Ristić</i>		
Signature:					