

Framatome GmbH, IBGPS, Postfach 11 09, 91001 Erlangen

Kozloduy NPP Plc.

Attention to:
Executive Director
Mr. Nasko MIHOV

3321 Kozloduy Bulgaria

Name
Department

Telephone
Telefax
Mobile
E-mail

Your letter of
Our reference
Date

Framatome GmbH

Bernd MUELLER
IBGPS2

+499131900-91273

bernd.mueller@framatome.com

F.037412-B-00
May 20, 2022

Proposal No. F.037412-B-00

of

Framatome GmbH

Supplier

to

Kozloduy NPP Plc.

Customer

on

Delivery of an Iodine Filter Sample for replacement of filters ABΦ 1500 at
Kozloduy NPP

Best Regards

Framatome GmbH

Framatome GmbH

Postfach 11 09 - 91001 Erlangen - Germany - Paul-Gossen-Str. 100 - 91052 Erlangen - Phone+49 9131 900 0
Chairman of the Supervisory Board: Frédéric Lelièvre - Managing Director: Carsten Haferkamp
Registered Office: Erlangen - Commercial Registries: Fuerth, HRB 15957 - VAT-ID: DE 310766750 - www.framatome.com

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Dear Mr. Mihov,

Referring to Kozloduy NPP plc. request for an iodine filter sample for replacement of filters ABΦ 1500 we are pleased to submit to you our proposal for

**the delivery of one iodine filter sample for
Kozloduy NPP**

We hope that our proposal meets your requirements and we would be pleased to work out a detailed procurement plan for the supply of such filters for Kozloduy NPP.

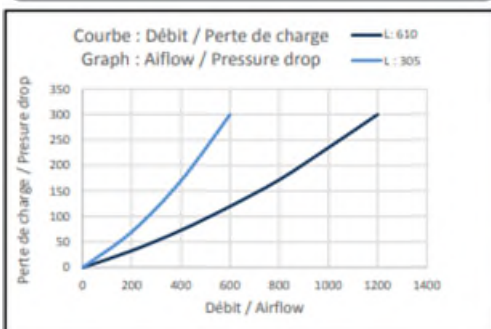
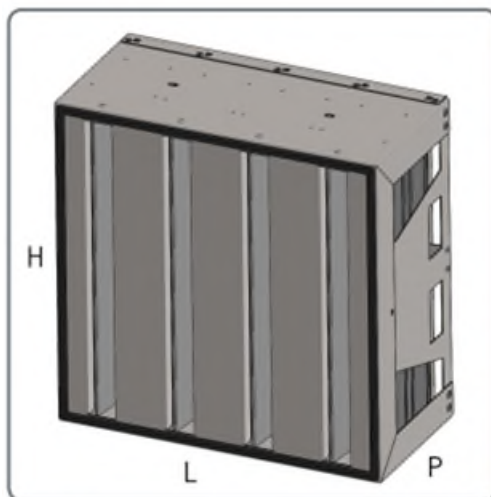
1. Introduction

In the course of the market investigation on aerosol and iodine filters (please refer to our letter FRAM-KNPP-FIL-R1 dated 29/04/2022, Framatome is asked for a specific offer for delivery of an iodine filter element – price and technical characteristics.

2. Scope of Supplies and Services of Framatome GmbH

The scope of services and supplies includes the elaboration of procurement documents for a specific order, the purchasing and the delivery of one iodine filter element to Kozloduy NPP.

Iodine filter Type FPA1341-B (Technical data)



Applications: radio iodine trapping for the nuclear industry

Media: 50 mm (2 inch) bed depth of impregnated activated carbon, based on coconut. The carbon is dusted, vibrated and packed to meet leakage requirements.

Auto-ignition temperature: > 350°C

Impregnant: KI (1%) and TEDA (<5%)

Size of the carbon grains: maximum 5% de la masse du charbon est > 8 mesh (2,36mm) et maximum 2,5% de la masse est < 16 mesh (1,18mm)

Frame: mild steel protected by vinyl phosphating paint or stainless steel 1.4306 (EN 10088,) according to model (see table)

Handle: multiple handles

Fitting orientation: openings can be on Vertical or horizontal orientation

Dimensions (LxHxP): 610 +0/-2 mm x 610 +0/-2 mm (ou 305 +0/-2 mm) x 292 +0/-2 mm (without joint)

Gasket: ½ round 15 mm molded neoprene foam in one piece glued to the frame - Class M3 (NFP-92507)

DF (Decontamination Factor): > 4000 for ICH₃ at nominal air flow with humidity < 40% and a minimal contact time of 0,2 s

Controls / Traceability:

- decontamination Factor test of the media itself by an independant laboratory - sample tested : 1 kg per 5 tons
- leakage rate measured for each filter with cyclohexane (C6H12) which guarantees a decontamination factor > 4000 for ICH₃
- pressure drop
- weight of carbon

Test record provided: leakage rate, pressure drop, weight of carbon

Marking: 3 multi coupon label

Optimal operating conditions:

- temperature: < 80°C
- relative humidity: < 40%

Remark: In case of a requested substitution of multiple filter elements due to ageing and/or obsolescence effects, Framatome would appreciate to offer further engineering and procurement services to ensure an optimal customizing if the deliverables to the existing filter system including recalculation and verification of the complete ventilation system.

3. Exclusions from the Scope of Supplies and Services of Framatome GmbH

- Adaption of the filter housing
- Adjustment / optimization of the existing filter system for the delivered new elements including recalculation and verification
- Seismic qualification or calculation of the filter element
- Installation / commissioning of the new filter element

4. Scope of Supply and Services of the Customer

Not applicable

5. Delivery schedule

For the scope corresponding to Pos. 2 the time of delivery is approx. 6 weeks after written purchase order acceptance.

Please note: the above mentioned delivery schedule is not a binding delivery date.

During the validity period of the offer and during the contract performance, Framatome shall be entitled to modify the planning and/or delivery dates and/or prices provided in the offer if this is caused by Customer's requests or if this is caused by the measures related to COVID-19 taken by the German government and/or by any other authorities and/or by any foreign competent authorities and including by the impact to put in place for said measures.

6. Prices

6.1 Price for the Scope of Supplies and Services

The lump-sum for supply of the iodine filter sample corresponding to Pos. 2 is EUR 7.715,00.- excl. VAT

(in words: Seven thousand seven hundred and fifteen EURO)

The given price is the price for an individual delivery of a single piece of equipment. In case of bulk orders of a larger number of filters the price per piece will be reduced, respectively.

6.2 Price Conditions

The quoted price does not include value added tax (VAT) and any other taxes, duties, fees, etc. as levied outside Germany. The price is valid for delivery DAP Kozloduy NPP plc.

Additional costs caused by reasons beyond Framatome GmbH's control (Customer's requests, discussions with authorities or any additional requirements) are not included in the price and will be charged in addition. Any deviations of the scope of supplies and services shall be mutually agreed in written form and may cause changes of the quoted price or other relevant adjustment (schedule etc.).

7. Terms of Payment

Payment of the total price as per section 6 shall be effected according to the following payment schedule:

- 30% after contract award within 30 days upon receipt of the corresponding payment request respectively invoice without retention.
- 70% after the delivery within 30 days upon receipt of the corresponding payment request respectively invoice without retention.

8. Validity

The binding period for this proposal ends at on June 30, 2022.

9. Proviso

This quotation or fulfilment of any subsequent order is subject to the proviso that the required governmental and other licenses and authorizations, e.g. export and re-import licenses, are granted in due time or that there are no other impediments arising from German or other export regulations.

10. Miscellaneous Terms

- Language for performance of the contract/documentation shall be English.

If not stated otherwise in this offer, the Framatome GmbH Terms and Conditions (see attachment 1) shall be applicable.

11. Contacts

The contacts for this offer are as follows:

Contractual matters

Mr. Bernd Mueller, Framatome dept. IBGPS2

Phone: +49 9131 900 91273

Mail: bernd.mueller@framatome.com

Commercial matters:

Mr. Matthias HABELT..., Framatome dept. IBGVO

Phone: +49 9131 900 92693

Mail: Matthias.Habelt@framatome.com

Attachment 1: Framatome GmbH Terms and Conditions