

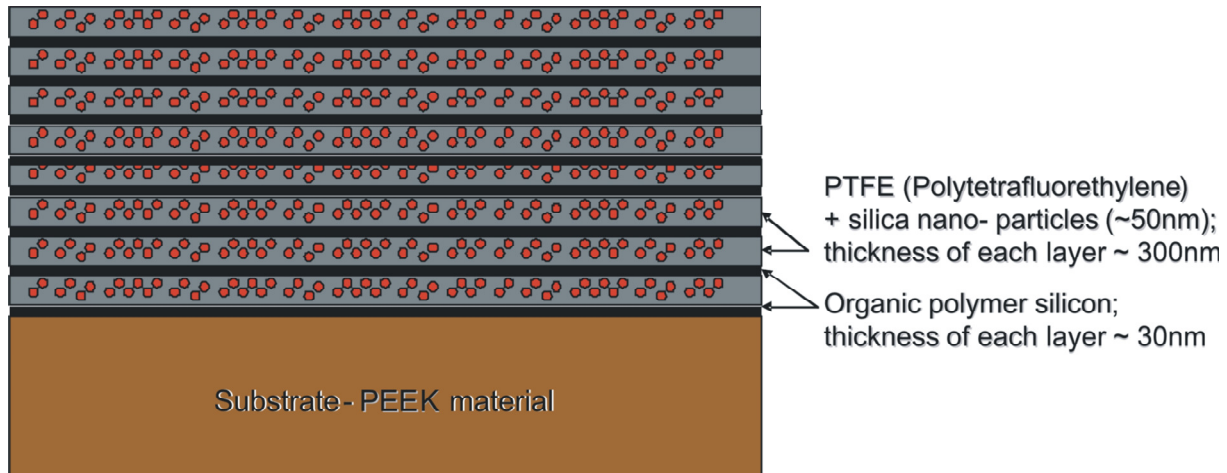
Institute of Metallurgy and Materials Science
Polish Academy of Sciences
25 Reymonta street, 30-059 Krakow
The web page: www.imim.pl
e-mail: przetargi@imim.pl
sign of the case: ZO/02/2016

**INVITATION FOR OFFERS SUBMISSION FOR AN EXTERNAL SERVICE
FOR NANO- COMPOSITE MULTILAYER COATINGS DEPOSITION ON PEEK
SUBSTRATE:**

I. CONTRACTING AUTHORITY

Institute of Metallurgy and Materials Science
Polish Academy of Sciences
25 Reymonta street, 30-059 Krakow
tax identification number : PL 675-000-18-57, REGON: 000326374

II. DESCRIPTION OF THE CONTRACT SUBJECT



The second stage of coatings deposition.

The coatings deposition process was divided into two parts. The first call (in 2015) for an external service was connected with initial coatings deposition. In 2015 nano- composite (PTFE+ silica) coatings were deposited in order to get basic information of properties for future multilayer coatings. In 2016 it is planned to deposit the next part of coatings. There will be multilayer coatings, which production will be done basis on the experience gained in the first batch of external surfaces.

Requirements for material:

- Development and deposition of PTFE+ silica nano-particles systems of multilayer coatings with organic silicon polymer interlayers on PEEK and Si substrates (substrate material will be delivered) by plasma- polymerization technique. Achieving nanocomposite structure by co-deposition of Fluor-based polymer and silicon-based polymer, interrupted by reactive plasma treatment for nanoparticle formation
- Thickness of total coating should be: 400-1000 nm. The diameter of silica nano- particles should be ~50nm
- Number of coated samples:12 coatings types

Requirements for deposition technique:

- Deposition should be done using plasma- activated chemical vapor deposition (PACVD) technique.

Requirements for the company:

- High experience in vacuum coating process development (plasma-polymerization with reactive in-situ post-treatment similar to atomic layer deposition) and achieved plasma polymer coating materials- Please attach minimum 5 international publications
- Experience in development and research on multi-layered materials- Please attach the ISO certification which will prove the quality of service,
- The Institute requests for the current copy from the register or from the central records and information about the business activity, issued no earlier than six months before the deadline for the receipt of requests to participate in the proceedings or the award of tenders.

III. ORDERING PARTY DOES NOT ACCEPT SUBMISSION OF PARTIAL OFFERS.

IV. DEADLINE OF THE SERVICE

The order must be processed within: 30. April 2016

V. THE DESCRIPTION OF THE METHODE HOW TO PREPARE THE OFFER

The offer should:

contain the address or headquarters of the tenderer, e-mail address, telephone number, tax identification number, REGON, KRS, determine the price for the service, price for service

VI. DATE AND PLACE FOR OFFERS SUBMISSION

1. The offer should be sent via: e-mail to the following address: przetargi@imim.pl, or by fax: + 48 12 295-28-04 **until 11.02.2016 until 12:00.**
2. Offers submitted after the deadline will not be considered.

3. The tenderer may change or withdraw the offer prior to the deadline.
4. During the examination and evaluation of offers The Contracting Authority may request explanations concerning the content of submitted offers from Tenderers.

VII. OFFERS EVALUATION

The Contracting Authority will evaluate the offers bases on the following criteria:

No:	criterion:	Weight:
1	Price (expense)	100%

Points will be calculated according to the following formula:

No of criterion.	Formula
1	Price (expense) Number of points $C_1 = (C \text{ min} / C \text{ bad})$ where: - C bad – gross price stated in the offer - C min – the lowest gross price of all of offers

VII. ADDITIONAL INFORMATION

For more information please contact MsC Marek Pac by calling 12 295-28-45, by e-mail: przetargi@imim.pl

IX. ATTACHMENTS TO OFFERS:

Appendix 1 - Offer Form

X. IT IS OBLIGATORY TO ATTACH TO THE OFFER:

1. Appendix 1 - Offer Form

2. Please attach minimum 5 international publications,
3. Please attach the ISO certification which will prove the quality of service,
4. Please attach the register.

OFFERS FORM

NAME OF THE CONTRACTOR:.....

ADDRESS:

TEL./FAX/ E-MAIL

TAX IDENTIFICATION NUMBER.....

REGON

BANK /ACCOUNT NUMBER

To: **Institute of Metallurgy and Materials Science**
Polish Academy of Sciences
25 Reymonta street, 30-059 Krakow

By joining the procedure for a public contract, the object of which is: nano- composite coatings deposition on PEEK substrate, I offer the contract realization in accordance with the principles set out in the offer inquiry

Net price:PLN

Gross pricePLN,

in words: PLN,

This price includes tax in the amount of..... % **ie**..... PLN

Place,, date

.....
*signature of the person / persons authorized
to represent the contractor*