

Institute of Metallurgy and Materials Science
Polish Academy of Sciences
25 Reymonta St.,
30-059 Cracow (Poland)
PL 6750001857, REGON: 000326374
www.imim.pl, e-mail: k.gawlinska@imim.pl

Inquiry No. ZO/18/FANPV/2019

20th November 2019

involves: n and p type crystalline silicon wafers

1. PURCHASER

Institute of Metallurgy and Materials Science
Polish Academy of Sciences
25 Reymonta St.,
30-059 Cracow (Poland)
TIN: PL6750001857, REGON: 000326374

2. DESCRIPTION OF THE SUBJECT ORDERS

2.1 The subject of the order is: delivery of n and p-type crystalline silicon wafers with the parameters contained in the table:

No.	Parameter	n-type silicon	p-type silicon
1	Type	Cz-Si One side polished	Cz-Si One side polished
2	Type of conductivity	n	p
3	Diameter	3 "	3 "
4	Orientation	(100)	(100)
5	Wafer thickness	In the range 250 - 550 μm	In the range 250 - 550 μm
6	Resistivity	1 - 8 Ωcm Preferable 1 Ωcm	1 - 8 Ωcm Preferable 1 Ωcm
7	Bulk lifetime	> 10 μs	> 10 μs
8	Oxygen concentration	$\leq 1 \times 10^{18}$ atom/cm ³	$\leq 1 \times 10^{18}$ atom/cm ³
9	Carbon concentration	$\leq 1 \times 10^{17}$ atom/cm ³	$\leq 1 \times 10^{17}$ atom/cm ³
10	Quantity	50 wafers	150 wafers
11	Packing	Cassette in vacuum	Cassette in vacuum

3. SUPPLY

3.1 Place of delivery of the subject of the contract:

Photovoltaic Laboratory of the Institute of Metallurgy and Materials Science

Polish Academy of Sciences

22 Krakowska St., 43-340 Kozy (Poland)

3.2 The price proposed by the Bidder must include the cost of delivery of the subject to the address mentioned in point 3.1

4. METHOD OF THE OFFER PREPARATION

4.1 The offer must be made in the offer form, which constitutes Appendix No. 1 to the present request for quotation.

4.2 The offer must be sealed by the firm stamp (only in case, when the Bidder sends the offer by traditional mail).

4.3 The offer must have a date of the offer preparation.

4.4 The offer must contain Bidder's registered office address, e-mail address, telephone number and Taxpayer's Identification Number (TIN).

4.5 The offer must provide total product price net and total product price gross, including delivery costs, custom duties and any additional costs.

4.6 The offer must be signed by the Bidder (only in case, when the Contractor sends the offer by traditional mail). The price must be given in PLN (Polish Zloty, in numbers and in words). If it is a difference between price in numbers and price in words, the correct value will be that given in words.

5. THE PLACE AND THE DATE OF OFFER SUBMISSION

5.1 The offer should be sent via email to the following address: k.gawlinska@imim.pl or it should be delivered by mail, by courier or delivered in person to the address of the Purchaser headquarters, not later than **28th November 2019 till 12:00**.

5.2 The offers submitted after the deadline mentioned above will not be considered.

5.3 A Bidder may make changes in own offer or withdraw its offer, before the deadline for submission of offers.

5.4 In the course of examination and evaluation of offers, the Purchaser may request the Bidder's explanations concerning the content of submitted offers.

6. DATE OF PERFORMANCE OF THE ORDER

The order must be completed by **7th January 2020**.

7. OFFER EVALUATION

The Purchaser will assess valid offers based on the following criteria:

No.	Criterion Name:	Validity:
1	Price	100

Points will be calculated according to the following formula:

No.	Formula
1	<p>Price (cost)</p> <p>Number of points $C = (C \text{ min} / C \text{ bad})$</p> <p>where:</p> <ul style="list-style-type: none"> - C min - the lowest gross price among all valid offers submitted in the tender procedure - C bad - gross price given in the examined offer

8. ADDITIONAL INFORMATION

8.1 Additional information provided **Katarzyna Gawlińska - Nęcek** at the phone number **33 817 42 49** and e-mail: **k.gawlinska@imim.pl**

8.2 The Purchaser does not provide for advance payments for the execution of the contract.

8.3 The Purchaser DOES NOT ALLOW to submission of partial or replacement offers.

8.4 The Bidder remains bound by the offer for a period of 30 days.



Narodowe Centrum
Badań i Rozwoju



CBRTPE
Centrum Badań i Rozwoju
Technologii dla Przemysłu

Appendix No. 1
to the Inquiry No. ZO/18/FANPV/2019
of 20th November 2019

OFFER FORM

COMPANY NAME:

ADDRESS:

TEL./E-MAIL

TIN.....

Institute of Metallurgy and Materials Science

Polish Academy of Sciences

25 Reymonta St.,

30-059 Cracow (Poland)

By joining the tender procedure No. ZO/18/FANPV/2019, I offer the supply of n-type and p-type crystalline silicon wafers which is the subject of this request for quotation on the terms set out in this request:

Net price PLN (In words: PLN)

Gross price..... PLN (In words: PLN)

Place,, day

.....
*signature and stamp of the authorized person
to represent the Bidder*

Project "Development of technology for the production of functional materials for applications in silicon-free solar cells"
No. 409122 FANPV

The PROJECT is supported by the National Center for Research and Development as part of the Strategic Scientific Research and Development Program "Modern Material Technologies" - TECHMATSTRATEG

At the same time I declare that:

1. I agree to the 21 days payment period from the day the invoice is received to the Purchaser, and it must be delivered together with the subject of the contract.
2. I declare that I have read the description of the subject of the order contained in this request for quotation, I do not raise any objections to its content and I have obtained the information necessary to prepare the offer.
3. In case of choosing my offer by IMMS PAS, I undertake to sell and deliver the subject of the order to the headquarters of the IMMS Photovoltaic Laboratory, 22 Krakowska St., 43-340 Kozy (Poland).
4. I declare that the price given in the offer includes all costs of the subject of the order.
5. I declare that the price given in the offer will not change for the duration of the offer and for the duration of the contract.
6. I declare that I am not related to the Purchaser.
7. I declare that I am not an entity which stays in actual or legal relationship with Purchaser that may raise reasonable doubts as to impartiality in the choice of the supplier of the goods or service, in particular married, relationship or affinity up to and including the second degree adoption, care or guardianship.
8. I declare that I am not a related entity or partner entity in relation to the Purchaser.
9. I declare that I am not an entity related personally to the Purchaser.
10. I declare that I am authorized to perform the activities covered by the subject of the contract.
11. I declare that I have the knowledge and experience necessary to perform the activities covered by the subject of the contract.
12. I declare that I am not in arrears payment of social security and health insurance contributions due to the Social Insurance Institution.
13. I declare that I am not in arrears payment with the Tax Office.
14. I declare that I am in a financial and economic situation ensuring the correct performance of the contract.
15. I declare that I meet the conditions set out in the request for proposal and declare that I acknowledge and apply them.
16. I agree to publicly disclose my participation in the tender procedure.

.....
*signature and stamp of the authorized person
to represent the Bidder*