|  |
| --- |
| Form 2.1.OFFER  |

Case number: **EZP.270.69.2023**

Referring to the contract notice in the public procurement procedure conducted in the form of an open tender for:

**Delivery of a magnetic measurement systems**

**I/WE THE UNDERSIGNED**

**..................................................................................................................................................................................................................................................................................................................................................**

acting on behalf of and for

**..................................................................................................................................................................................................................................................................................................................................................**

 *(name (company) exact address of the Contractor/Contractors, tax identification number)*

*(if the offer is submitted by entities acting jointly, provide the names (companies) and exact addresses of all partners in a civil law partnership or members of a consortium)*

being a micro-enterprise **\***

being a small enterprise **\***

being a medium-sized enterprise **\***

running a sole proprietorship **\***

being a natural person who does not run a business **\***

different kind **\***

*\* please tick/indicate as appropriate*

*The definition of a micro, small and medium-sized enterprise can be found in Art. 7 sec. 1 points 1, 2 and 3 of the Act of March 6, 2018. Entrepreneurs' Law (i.e. Journal of Laws of 2021, item 162).*

1. **WE MAKE AN OFFER** for the performance of the subject of the contract in accordance with the Specification of the Contract Conditions for this procedure (SWZ).
2. **WE DECLARE,** that we have read the Specification of the Terms of Purchase and the explanations and changes to the SWZ provided by the Ordering Party and we consider ourselves bound by the provisions and rules of conduct set out therein.
3. **WE OFFER** performance of the subject of the order **for the gross price: …………………….. PLN\*, EUR\*, USD\* (in words:………………………………………………),** ***including VAT, in the amount of ................................................ PLN (in words: ............... zloty/euro/dollar), if applicable - see point 4 below*.**

If our offer is selected, accounts receivable should be paid to the bank account number ................................. maintained by .................................... (if this account is not provided, the Contractor will be required to submit a letter with the above information signed by an authorized representative of the Contractor before concluding the contract).

1. **WE INFORM**, that*[[1]](#footnote-1)*:
2. the selection of the offer **will not\*** lead to the creation of a tax obligation for the Ordering Party.
3. the selection of the offer **will\*** lead to the creation of a tax obligation for the Ordering Party
* in relation to the following goods/services (depending on the subject of the order): ……………………………………………………………………….
* in the value of the goods/services (depending on the subject of the order) resulting in the Ordering Party's tax obligation is ………………………………………………….. PLN/EUR/USD net
* tax rate on goods and services ……………………%, which, according to the Contractor's knowledge, will be applicable.
1. **WE OFFER** **a warranty period "G"**  **for the subject of the order ……………** months from the date signing the final acceptance report without reservations. (*the minimum required warranty period for the subject of the contract shall be 12 months from the date of signing the final acceptance report of the Subject of the contract, without reservation)*

*In the absence of an indication of the offered warranty period or an indication other than described in Chapter 1 sec. 21.1.2 of the SWZ, the Ordering Party will consider that the contractor declares a 12-month guarantee, thus awarding 0 points.*

1. **WE ARE GOING**[[2]](#footnote-2)entrust subcontractors with the performance of the following parts of the contract:

...................................................................................................................................................................

1. **WE COMMIT** not to perform the contract with subcontractors, suppliers or entities whose capabilities are relied upon within the meaning of Directive 2014/24/EU, referred to in Art. 5k of Council Regulation (EU) No. 833/2014 of 31 July 2014 concerning restrictive measures in connection with Russia's actions destabilizing the situation in Ukraine, where they account for more than 10% of the contract value.
2. **WE COMMIT** to perform the order within the time limit specified in the SWZ.
3. **WE ACCEPT** payment terms specified by the Ordering Party in the SWZ.
4. **WE ARE** bound by the offer for the period specified in the SWZ.
5. **WE DECLARE** that the information and documents contained in a separate, appropriately marked and named Annex ………….. (enter the name of the Annex) constitute a trade secret within the meaning of the provisions on combating unfair competition, which we have demonstrated in the Annex to the Offer…………. (enter the name of the attachment) and we reserve that they may not be shared.
6. **WE DECLARE,** that we have read the essential provisions of the contract, specified in the SWZ, and we undertake, if our offer is selected, to conclude a contract in accordance with this offer, under the conditions set out in the SWZ, at the place and time specified by the Ordering Party.
7. **WE DECLARE** that we are not an entity referred to in art. 5k of Council Regulation (EU) No. 833/2014 of 31 July 2014 concerning restrictive measures in view of Russia's actions destabilizing the situation in Ukraine, i.e.

a) a Russian citizen or a natural or legal person, entity or body based in Russia;

b) a legal person, entity or body whose ownership rights, directly or indirectly, in more than 50% belong to the entity referred to in point a) above; or

c) a natural or legal person, entity or body acting on behalf of or under the direction of the entity referred to in points a) or b) above.

1. **WE DECLARE** that we have fulfilled the information obligations provided for in art. 13 or art. 14 GDPR[[3]](#footnote-3) towards natural persons from whom we have obtained personal data directly or indirectly in order to apply for a public contract in this procedure, and whose data have been provided to the Ordering Party as part of the contract[[4]](#footnote-4).
2. **AUTHORIZED TO CONTACT** regarding the proceedings in question is:

First and last name: ......................................................................................................................................

tel. ........................................................e -email: .................................................

1. **LIST OF attached statements and documents:** *list all submitted statements and documents, etc.)*:

........................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................

.................... on ............... ................ year

*………………………………………………………………………..*

 *(qualified electronic signature of the person authorized to represent the Contractor)*

\* delete as appropriate**Form 2.2 List of technical parameters**

Case number: **EZP.270.69.2023**

**Delivery of a magnetic measurement systems**

|  |
| --- |
| **General requirements** |
| No. | Required parametrs | Parameters offered(The Bidder should confirm the parameters required by the Ordering Party by entering: "yes" or "as above" or "as required". In case the Bidder offers other parameters or functions beyond the required ones, they should be listed or described.) |
| a. | Measurement system for measuring magnetic field for characterization of magnetic insertion devices with the following dimensions:* Maximal lenght ≥ 2000 mm
* Minimal width of the gap ≤ 8,5 mm
* Magnetic axis hight 1400 mm
 |  |
| b. | The magnetic measurement system consists of 2 subsystems:* Measuring system with a Hall probe
* Measuring system with a flip coil

Both measuring system are mounted and integrated on a common granite bench in a way that enables measurement of magnetic field with the use of both systems without the need to change the position of the insertion device.  |  |
| c | Both measuring systems are motorized. Due to they integration with the control and data acquisition systems they allow for full automatization of the measurements.  |  |
| d. | The main measurement bench has a form of a monolithic granite block with the following dimensions:* Along z axis (i.e., in the horizontal direction coinciding with the magnetic axis of the measured insertion device) ≤ 3500 mm
* Along x axis (i.e., in the horizontal direction perpendicular to z axis) ≤ 600 mm
* Along y axis (i.e. in the vertical direction) ≥ 300 mm.

The main measurement bench is installed on smaller granite blocks equipped with measuring feet.  |  |
| e. | The magnetic measurement system is equipped with fiducial systems that can be used to align the axes of the measuring bench with respect to insertion device reference system with sufficient accuracy. The tolerances are the following:* ≤ 50 µm regarding alignment with respect to magnet axes positions,
* ≤ 0,1 miliradiana with respect to magnet axis orientations.
 |  |
| f. | The magnetic measurement system is a turn-key system, ready to run measurements and equipped in all the necessary components, in particular in all the sensors (including a Hall probe), holders, manipulators, stages, digital multimeters, electronic control systems as well as in control and data acquisition software.  |  |
| g. | The control and data acquisition system is equipped with * a PC computer with a screen, with the performance sufficient for a smooth execution of all the functions of the control software,
* operating system,
* control software with a dedicated GUI interface which enables straightforward operation of the measuring systems.
 |  |
| h. | Control software enables the operator: * to move the motorized axes,
* to monitor the status of the measuring system,
* to run measurement procedures that are prepared by the operator.

The software comes with a set of standard measurement procedures that can be used out of the box and can be also elaborated by the operator to perform more complex measurements tasks. The software allows for the measurement results to be conveniently presented on a screen in the form of a graph. The measurement data can be also exported to text files to be further analyzed in a data analysis software of choice |  |
| i. | Before starting the manufacturing of the magnetic measurement systems, however not later than on 15.12.2023, the Contractor shall develop and present to the Ordering Party Technical design documentation of the systems.Technical design of the systems shall be subject to the Ordering Party acceptance. |  |
| j. | The Contractor shall run a training for the personnel of the Ordering Party on the operation of the magnetic measurement systems. The training shall be run at the Contractor premises at the date agreed by the Parties, during the final phase of the systems manufacturing and commissioning. |  |
| k. | The Contractor shall install and commission the magnetic measurement systems at the Ordering Party premises. The process of installation and commissioning will take not less than 10 working days. The successful operation of the system shall be confirmed by the final acceptance protocol. |  |
| l. | The completion of the order confirmed by the final acceptance protocol shall take place not later than 16 month form the order (i.e. signing of the contract) date.. |  |
| m. | The entire magnetic measurement system is covered by a warranty not shorter than 12 months starting from the date of the final acceptance protocol. |  |
| **Requirements for the measurement accuracy of the major parameters of the magnetic insertion device**  |
| No. | Required parametrs | Parameters offered(The Bidder should confirm the parameters required by the Ordering Party by entering: "yes" or "as above" or "as required". In case the Bidder offers other parameters or functions beyond the required ones, they should be listed or described.) |
| a. | * Magnetic field measurement accuracy inside undulators: < 2 mT
* Spatial resolution: ≤ 0.1 mm in all directions
* First field integral accuracy: ≤ 1 \*10⁻5 Tm
* First field integral sensitivity: ≤ 2.5\*10⁻⁶ Tm
* Second field integral accuracy: ≤ 2\*10⁻5 Tm2
* Second field integral sensitivity: ≤ 4\*10⁻⁶ Tm2
 |  |
| b. | Spatial resolution: ≤ 0.1 mm in all directions |  |
| c.  | First field integral accuracy: ≤ 1 \*10⁻5 Tm |  |
| d. | First field integral sensitivity: ≤ 2.5\*10⁻⁶ Tm |  |
| e. | Second field integral accuracy: ≤ 2\*10⁻5 Tm2 |  |
| f. | Second field integral sensitivity: ≤ 4\*10⁻⁶ Tm2.  |  |
| **Requirements for the Hall probe measuring system**  |
| No. | Required parametrs | Parameters offered(The Bidder should confirm the parameters required by the Ordering Party by entering: "yes" or "as above" or "as required". In case the Bidder offers other parameters or functions beyond the required ones, they should be listed or described) |
| a. | Mechanical system:* Range of horizontal movement along longitudinal axis (z): ≥ 2500 mm
* Range of horizontal movement perpendicular to longitudinal axis (x): ≥ 300 mm
* Range of vertical movement perpendicular to longitudinal axis (y): ≥ 300 mm
* Repeatability: not worse than ± 3 μm for each axis
* Movement parallelism: not worse than ± 20 μm
 |  |
| b. |  3 - axis (Bx,By,Bz)\_Hall probe sensor: * Angular accuracy: orthogonality error: < 0,1°
* Maximum magnetic flux density: not less than ±2 T, no saturation of the outputs
* Linear range of magnetic flux density: not less than ±2 T, fully calibrated measurement range
* Total measuring accuracy: ≤ 0.1%
* Sensitivity to DC magnetic field: not worse than 5 V/T, differential output
* Tolerance of sensitivity: ≤ 0.02%
* Nonlinearity: ≤ 0.05%
* Planar Hall voltage: < 0.01 % of V normal
* Temperature coefficient of sensitivity: < ±50ppm/°C @ temperature range 23°C ± 5°C
* Long-term instability of sensitivity: < 1% over 10 years
* Offset (@ B = 0 T): < ±2 mT @ temperature range 23°C ± 5°C
* Temperature Coefficient of the Offset: < ±4 µT/°C
* Offset fluctuation & drift within 0.01-10 Hz: < 3 µT peak-to-peak values
* Output noise:
	+ Noise spectral density @ f = 1 Hz: < 0.12µT/ Hz
	+ Noise spectral density @ f > 10 Hz: < 0.1 µT/ Hz
	+ Broad-band noise: < 3 µT RMS noise
	+ Frequency bandwidth: 500 Hz
* Integrated temperature sensor on the probe for temperature compensation.
 |  |
| c. | Standard measuring procedures:* Single point Hall probe acquisition.

A single point acquisition can be made at any desired point within the travel range of motorized stages.* On the fly Hall probe scan:
	+ Scan interval can be set at any choice above 0.1 mm.
	+ The scan speed should be adjusted to the scan interval to preserve full resolution of acquisition.
	+ The system should support scans with 1 mm resolution at the speed not lower than 12.5 mm/s.
 |  |
| **Requirements for the Flip Coil measuring system**  |
| No. | Required parametrs | Parameters offered(The Bidder should confirm the parameters required by the Ordering Party by entering: "yes" or "as above" or "as required". In case the Bidder offers other parameters or functions beyond the required ones, they should be listed or described) |
| a. | Mechanical system:* Range of horizontal movement perpendicular to longitudinal axis (x): ≥ 300 mm
* Range of vertical movement perpendicular to longitudinal axis (y): ≥ 300 mm
* Rotary motion: multiturn
* Accuracy of position: ≤ 20 μm for each axis
* Repeatability of position: ≤ 5 μm for each axis
* Accuracy of angular position: ≤ 0.05⁰
* Repeatability of angular position: ≤ 0.02⁰
* Coil width: ≥ 6 mm, ≤ 10 mm
* The coils should support the first and second field integral measurements.
 |  |
| b. | Standard measuring procedures:* Single point acquisition of field integrals.
	+ A single point measurements of field integrals can be made at any desired point in xy plane within the travel range of motorized stages.
	+ The rotation speed and the acceleration can be adjusted up to 1.5 turns/s and 1.5 turns/s2 respectively.
	+ The user can also adjust the integration time of the voltage integrator in the intervals of 20 ms.
 |  |
| c. | Parameters of nanovoltmeter used to integrate induced voltages by flip coil:* Two input channels
* Noise level: ≤ 15nVp-p noise at 1s response time
* Synchronization to line frequency. At least 110dB NMRR rejection of the effect of AC common-mode currents.
* Built-in thermocouple linearization and cold junction compensation.
 |  |

………………………………

 *(qualified electronic signature of the person authorized to represent the Contractor)*

Chapter 3

Forms relating to demonstration of lack of grounds to exclude the Contractor from the proceedings:

**Form 3.1.**

**European Single Procurement Document (ESPD)**

*(Document initially prepared by the Ordering Party available on the website of the conducted procedure both in .xml format - to be imported on the eESPD website, and in pdf format - for illustrative purposes.)*

**Form 3.2.**

|  |
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| **COMMITMENT****to provide the Contractor with the necessary resources for the implementation of the order** |

Case number: **EZP.270.69.2023**

**I/WE**: :

............................................................. ............................................................. .............................................................

*(name and surname of the person(s) authorized to represent the Entity, position (owner, president of the management board, member of the management board, commercial proxy, authorized representative, etc.\*))*

**acting on behalf of and for:**

............................................................. ............................................................. .............................................................

*(name of the Entity providing resources)*

**I MAKE A COMMITMENT** to hand over resources for order fulfilment:

....................................................................................................................................................................

*(definition of the resource - experience, people assigned to carry out the order, technical skills,*

*financial or economic capacity)*

**at the Contractor's disposal:**

............................................................. ............................................................. .............................................................

*(Contractor's name)*

**when executing an order under the name: Delivery of magnetic measurement systems**

**I/We DECLARE** that:

1. I make the above-mentioned resources available to the Contractor, in the following scope:

............................................................................................................................................................. ............................................................. .............................................................

1. method of sharing and using the above-mentioned resources will be as follows:

................................................................................................................................................................................................................................................................................................................ ............

c) period of access and use of the above-mentioned resources will be as follows:............................................................................................................................................................

By committing to provide resources, I am jointly and severally liable with the above-mentioned Contractor who relies on my financial or economic situation for any damage suffered by the Ordering Party resulting from the failure to provide these resources, unless I am not responsible for the failure to provide the resources.

............................ on............................year

*..................................................................
(qualified electronic signature of a person*

*authorized to represent the Contractor)*

**Form 3.3.**

|  |
| --- |
| **STATEMENT**Contractors jointly applying for the award of a contract in the scope referred to in Art. 117 section 4 of the PPL Act |

Case number: EZP.270.69.2023

In connection with the public procurement procedure under open tender for**: Delivery of magnetic measurement** **systems**

**I/WE**: :

.....................................................................................................................................................................................

*(name and surname of the person(s) authorized to represent Contractors jointly applying for the award of the contract)*

**on behalf of the Contractor:**

..............................................................................................................................................................................................................

*(enter the (company) names of the Contractors jointly applying for the contract)*

**I/We DECLARE** that the following Contractors jointly applying for the contract will perform:

Contractor (name): .................................... will be performed by: ........ .........................\*

Contractor (name): .................................... will be performed by: ........ .........................\*

............................ on............. ................year

*............................................................. ........................................
(qualified electronic signature of a person*

*authorized to represent the Contractor)*

**Form 3.4.**

|  |
| --- |
| **STATEMENT****regarding the validity of information in the ESPD** |

Case number: **EZP.270.69.2023**

**Delivery of a magnetic measurement systems**

In connection with the ongoing public procurement procedure under an open tender procedure for:

I declare,

that the information contained in the ESPD regarding the following exclusion grounds referred to in:

1. article 108 sec. 1 point 3 and 6 of the Public Procurement Law,
2. article 108 sec. 1 point 4 of the Public Procurement Law regarding the prohibition of applying for a public contract as a preventive measure,
3. article 108 sec. 1 point 5 of the Public Procurement Law, concerning the conclusion of an agreement with other contractors aimed at distorting competition,

**are up-to-date.**

*\* - delete as appropriate*

 *……………………………………..................................................*

*(qualified electronic signature of the authorized person*

*to represent the Contractor)*

**Form 3.5.**

|  |
| --- |
| **STATEMENT****concerning the capital group** |

Case number: **EZP.270.69.2023**

In connection with the ongoing public procurement procedure under an open tender procedure for:

**Delivery of a magnetic measurement systems**

The Contractor:

Name: …………………………………………….………………………………..……………………...

Address: …………………………………………….....……………………………………………………...

NIP tax identification number (NIP): ..................................................

National Court Register (KRS): ........................................

1. I declare that I do not belong to the same capital group within the meaning of the Act of 16 February 2007 on competition and consumer protection (consolidated text: Journal of Laws of 2021, item 275) with the contractors who submitted tenders in in this public procurement procedure.

2. I declare that I belong to a capital group within the meaning of the Act of 16 February 2007 on competition and consumer protection (consolidated text: Journal of Laws of 2021, item 275) with the following Contractors who submitted tenders in this procedure for the award of a public contract:

1) …………………………………………….(name/business name of the entity and address)

2) …………………………………………….

I have attached the following evidence

1) …………………………………………………………..,

confirming the preparation of the offer independently of other Contractors belonging to the same capital group.

*\*- delete as appropriate*

 *…………………………. ………….................................................*

*(qualified electronic signature of the authorized person*

 *to represent the Contractor)*

**Form 3.6.**

|  |
| --- |
| **STATEMENT**on sanctions provisions related to the war in Ukraine |

In connection with the ongoing public procurement procedure under an open tender procedure for:

**Delivery of a magnetic measurement systems**

**Case number: EZP.270.69.2023**

**I/WE**:

*……………………………………………………………………………………………………………………………………………...……………………………*

*(name and surname of the person/persons authorized to represent)*

**acting on behalf of and for**

*…………………………….………………………………………………………………………………………………………………………………………………*

*(name of the Contractor\* of the Contractor jointly applying for the award of the contract\* of the entity providing resources\*)*

1. In connection with Art. 7 sec. 1 of the Act of April 13, 2022 on special solutions to counteract the support of aggression against Ukraine and to protect national security, **I DECLARE** that:

1) Contractor **is\* / isn't\*** listed in the lists specified in Regulation 765/2006 and Regulation 269/2014 or entered on the list on the basis of a decision on the entry on the list determining the application of the measure referred to in Art. 1 point 3 above laws;

2) the Contractor's real beneficiary within the meaning of the Act of March 1, 2018 on counteracting money laundering and financing terrorism (Journal of Laws of 2022, items 593 and 655) **is\* / isn't\*** a person listed in the lists set out in Regulation 765/2006 and Regulation 269/2014 or entered on the list or being such a real beneficiary from February 24, 2022, if he was included in the list on the basis of a decision on entry on the list conclusive of the application of the measure referred to in Art. 1 point 3 of the aforementioned law;

3) the Contractor's parent company within the meaning of Art. 3 sec. 1 point 37 of the Accounting Act of 29 September 1994 (Journal of Laws of 2021, items 217, 2105 and 2106), **is\* / isn't\***an entity listed in the lists specified in Regulation 765/2006 and Regulation 269/2014 or entered on the list or being such a parent company from February 24, 2022, if it was entered on the list on the basis of a decision on entry on the list determining the application of the measure referred to in Art. 1 point 3 of the aforementioned law.

1. In connection with Art. 5k sec. 1 of Council Regulation (EU) No. 833/2014 of 31 July 2014 concerning restrictive measures in view of Russia's actions destabilizing the situation in Ukraine, **I DECLARE** that:
	1. **I am\* / I am not\*** a Russian citizen or a natural or legal person, entity or body based in Russia,
	2. **I am\* / I am not\***a legal person, entity or body to which ownership rights, directly or indirectly, in more than 50% belong to the entity referred to in point a),
	3. **I am\* / I am not\*** a natural or legal person, entity or body acting on behalf of or under the direction of the entity referred to in points a) or b);

\* delete as appropriate

*………………………………………………………………………..*

*(qualified electronic signature of the person*

*authorized to represent the Contractor)*

**Form 3.7.**

|  |
| --- |
| **LIST OF COMPLETED DELIVERIES** |

Case number: **EZP.270.69.2023**

In connection with the ongoing public procurement procedure under an open tender procedure for:

**Delivery of a magnetic measurement systems**

The Contractor:

Name: …………………………………………….………………………………..……………………...

Address: …………………………………………….....……………………………………………………...

tax identification number (NIP): ..................................................

National Court Register (KRS):........................................

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Name of the Ordering Party for whom the delivery was made | Subject of the contract1 | Net value in PLN\*/EUR\*/USD\* | Date (day, month and year) of execution (from - to) |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |

1in accordance with the condition described in VOLUME I SWZ sec. 8.2.4 point 1

\*delete as applicable

***This list should be accompanied by evidence specifying whether these deliveries have been or are being performed properly, the evidence in question being references or other documents drawn up by the entity for which the supplies were made, and in the case of repeated or continuous services - performed, and if the economic operator is unable to obtain these documents for reasons beyond its control - the economic operator's declaration; in the case of repeated or continuous services, references or other documents confirming their proper performance should be issued within the last 3 months from the date on which the deadline for submitting tenders expires.***

*………….................................................. .................................*

*(electronic signature/ of the authorized person*

*to represent the Contractor)*

1. *applies to Contractors whose bids will generate the obligation to add VAT to the net value of the bid, i.e. in the case of:*

*intra-Community acquisition of goods,*

*import of services or import of goods, which involves the obligation of the Ordering Party to add VAT when comparing bid prices.* [↑](#footnote-ref-1)
2. Note: The declaration should be consistent with the declaration made in the single document Part II Sections C and D. [↑](#footnote-ref-2)
3. Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of individuals with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation) (Official Journal EU L 119 of 04/05/2016, p. 1). [↑](#footnote-ref-3)
4. In the event that the Contractor does not provide personal data other than those directly related to him or the information obligation is excluded, pursuant to art. 13 sec. 4 or art. 14 sec. 5 of the GDPR, the Contractor does not submit the content of the declaration (removal of the content of the declaration, e.g. by deleting it). [↑](#footnote-ref-4)