**AZP.270.64.2020**

**Attachment *No.: 1***

***to Specification of Essentials***

***terms of the public contract (SIWZ)***

**Description of the subject matter of the contract**

**Sealed 14 MeV neutron generator with the associated particle detection capability**

* Sealed neutron generator with integrated HV power supply, built-in alpha detector (scintillator), safety locks and batteries (if needed).
* Neutron energy: 14 MeV
* Neutron flux: minimum standard neutron flux of 1x10^7 n/s
* Lifetime: not less than 1,200 hours @ 1x107 n/s
* Neutron "tagging" capability by means of the Associated Particle Technique – at least 1 internal scintillator for alpha particle detection, coupled to a viewport base allowing light readout by a customer’s photodetector
* The alpha detector diameter with subtended angle of 40 degrees or more assuring as large as possible maximum solid angle of neutron emission tagging
* Total weight not more than 20kg
* Low power consumption, less than 50 watts
* User-friendly software to run the apparatus

**Additional features:**

* External PMT-based readout system with front-end electronics for signal acquisition providing 3 signals: timing signal, Y-axis position, X-axis position
* Alpha particle detector position resolution of 3 mm in two dimensions
* Alpha particle detector capable of timing resolution in coincidence with 5x5x10 inch NaI:Tl scintillator not less than 1 ns (using appropriate signal processing)

***AZP.270.64.2020* Attachment *No.: 2***

***to Specification of Essentials***

##### ***terms of the public contract (SIWZ)***

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

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

*(contractors’s name and seat)*

…………………………………………............................

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

*(place of business)*

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

(place and date)

**OFFER FORM**

In reply to contract notice for **delivery 14 MeV neutron generator with the associated particle detection capability to the National Centre for Nuclear Research in Otwock – Świerk,** we submit this offer.

1. I offer to realize the contract for the total price (according to the technical specification in Enclosure No A ):

|  |  |
| --- | --- |
| **OFFERED PRICE NET** | .................................................................*PLN/EUR*/USD  (*read*: ......................................................................... ..................................................................................................) |
| **VAT \*)** | ..................................................................*PLN/EUR/USD*  (*read*: ......................................................................... ..................................................................................................) |
| **OFFERED PRICE TOTAL** | ........................................................................*PLN/EUR/USD*  (*read*: ......................................................................... ..................................................................................................) |

***\*) If applicable - according to valid provisions*.**

1. I declare that we have read the specification of essential terms and conditions of the contract (including the model contract) and do not object to it and accept the conditions contained therein.
2. I declare that the offered subject of the contract meets the requirements specified in the description of the subject of the contract (**Attachment *No. 1 to Specification of Essentials terms of the public contract (SIWZ)***).
3. The list of offered equipment and required parameters of offered equipment are specified in Attachment A to the offer form.
4. I offer to execute this order within the time limit specified in the SIWZ.
5. **I offer a device with a neutron flux of height ………………………………………**
6. **I declare that the offered subject of the order has the following functions:**

|  |  |
| --- | --- |
| **Additional functions** | **If the tender meets the requirement, enter 'YES'.** |
| External PMT-based readout system with front-end electronics for signal acquisition providing 3 signals: timing signal, Y-axis position, X-axis position |  |
| Alpha particle detector position resolution of 3 mm in two dimensions |  |
| Alpha particle detector capable of timing resolution in coincidence with 5x5x10 inch NaI:Tl scintillator not less than 1 ns (using appropriate signal processing) |  |

1. **I declare that offered warranty period is ………………………….. months (the minimum required warranty period is 36 months).**
2. **I declare that the bid bond was paid in the amount of PLN 10,000.00 in the form of .......................**
3. I declare that the gross price given in point 1 of this form includes all the costs of contract execution which are borne by the Orderer in case of selecting this offer.
4. In the case of awarding a contract, I undertake to conclude the contract in a place and on a date indicated by the Orderer and under the conditions set out in the contract template attached as Attachment no. 5 to Specification of Essentials terms of the public contract.
5. Pursuant to art. 91.3a of the PPL Act, I declare that the selection of my offer will lead / will not lead \*) to the creation of a tax obligation in the Contracting Authority on the basis of VAT regulations. Below is a list of supplies and services from which the Ordering Party's tax obligation arises.

\*) delete as appropriate

|  |  |  |
| --- | --- | --- |
| Lp. | Name of product or service | The net value |
|  |  |  |

1. We intend to execute the subject matter of the contract on our own/with the **subcontractors** **\*)**.

\*) delete as appropriate

|  |  |  |
| --- | --- | --- |
| Lp. | The name and the address of the subcontractor | The lot of the contract to be realized by the subcontractor |
|  |  |  |

1. I declare that I am bound by this offer for a period of 30 days from the deadline for submission of offers.
2. The tender and its attachments were submitted to .......... pages.
3. I hereby inform you that the information contained in the offer on page ………….. constitutes a business secret within the meaning of the provisions of the Act on Combating Unfair Competition and as such cannot be disclosed to the public.
4. I declare that I am a micro, small and medium-sized enterprise within the meaning of the Act of 2 July 2004 on the freedom of economic activity (Journal of Laws 2004 No. 173 item 1807). - YES/NO \*\*)

\*) delete as appropriate

1. I declare that I have fulfilled the information obligations provided for in Article 13 or Article 14 of the RODO for natural persons from whom I have directly or indirectly obtained personal data in order to compete for the award of a public contract in this procedure.
2. Teleaddress date for correspondence:

The name of the firm \*\*\*):

Address \*\*\*)…………….. ...

tel. \*\*\*) , fax. \*\*\*)

e-mail\*\*\*) …………………………………………………………

VAT identification number:……………………………………………. National Official Business Register, …………………………………………

The data of the contact person:…………………………………………………………………………..

**\*\**\*) In case of the offer submitted jointly the dates of the appointed plenipotentiary must be given***

1. I enclose the documents:

1) signed Enclosure No A to call for tender

2) ……………………………………………...............................................................

3) ……………………………………………...............................................................

...........................................................  
*(signature of authorized person*)

##### **AZP.270.64.2020** **Attachment No.: A**

##### **to the offer form**

**List of offered object of the contract**

The subject matters of the order **is delivery sealed 14 MeV neutron generator with the associated particle detection capability to the National Centre for Nuclear Research in Otwock – Świerk,** according listed below specification:

1. **Sealed 14 MeV neutron generator with the associated particle detection capability, for the net unit price ……………………………..**

|  |  |  |
| --- | --- | --- |
| **Name/type/manufacturer ……………………………………………………………** | | |
| **LP.** | **Parameter Required** | **Parameter Offered** |
| 1 | Sealed neutron generator with integrated HV power supply, built-in alpha detector (scintillator), safety locks and batteries (if needed). |  |
| 2 | Neutron energy: 14 MeV |  |
| 3 | Neutron flux: minimum standard neutron flux of 1x10^7 n/s |  |
| 4 | Lifetime: not less than 1,200 hours @ 1x107 n/s |  |
| 5 | Neutron "tagging" capability by means of the Associated Particle Technique – at least 1 internal scintillator for alpha particle detection, coupled to a viewport base allowing light readout by a customer’s photodetector |  |
| 6 | The alpha detector diameter with subtended angle of 40 degrees or more assuring as large as possible maximum solid angle of neutron emission tagging |  |
| 7 | Total weight not more than 20kg |  |
| 8 | Low power consumption, less than 50 watts |  |
| 9 | User-friendly software to run the apparatus |  |

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***Załącznik nr 3 do SIWZ*** ***Attachment No.: 3***

***to Specification of Essentials***

***terms of the public contract (SIWZ)***

|  |  |
| --- | --- |
| **OŚWIADCZENIE Wykonawcy**  **składane na podstawie art. 25a ust 1**  **ustawy PZP** | **STATEMENT of the Contractor**  **made on the basis of art. 25a paragraph 1 of**  **the law - Public Procurement Law** |
| Przystępując do postępowania o udzielenie zamówienia publicznego na :  **Dostawa Generatora neutronów Deuter-Tryt (14 MeV) z możliwością wykrywania cząstki stowarzyszonej (Associated Particle Neutron Generator) do Narodowego Centrum Badań Jądrowych w Otwocku – Świerku**  w imieniu  ……………………................................................  *(nazwa Wykonawcy*) | Entering into the contract award procedures for the:  **delivery sealed 14 MeV neutron generator with the associated particle detection capability to the National Centre for Nuclear Research in Otwock – Świerk, Poland**  on behalf of  ………………………................................................  *(the contractors’s name)* |
|  |  |
| Oświadczam, że:  brak jest podstaw do wykluczeniu mnie z postępowania o udzielenie zamówienia na mocy **art. 24 ust. 1 pkt 12-23** ustawy z dnia 29 stycznia 2004 roku - Prawo zamówień publicznych (Dz. U. z 2018 r. poz. 1986) | I state that,  there are no grounds for me to be excluded from contract award procedure on the grounds of article **24 paragraph 1 point 12-23** of the Law of 29th January 2004 - Public Procurement Law (the Journal of Law of 2018 item 1986) |
| ............................ .........………………..  (*Miejsce i data) (podpis osoby upoważnionej)*  Oświadczam, że zachodzą w stosunku do mnie podstawy wykluczenia z postępowania na podstawie art. …………....................... ustawy Pzp *(podać mającą zastosowanie podstawę wykluczenia spośród wymienionych w art. 24 ust. 1 pkt 13-14, 16-20 .*  Jednocześnie oświadczam, że w związku z ww. okolicznością, na podstawie art. 24 ust. 8 ustawy Pzp podjąłem następujące środki naprawcze:  ………………………………………………………………………  ………………………… …………………………  *Miejsce i data) (podpis osoby*  *upoważnionej)* | ............................. .......………………..  (*Place and date) (signature of authorized person)*  I state, there are some grounds in relation to me for the exclusion from contract award procedure on the ground of article………… of the Public Procurement Law (please specify the applicable grounds for the exclusion listed in art. 24, par. 1 point 13-14, 16-20).  At the same time I declare, that in connection with the above circumstance, on the grounds of art. 24 par. 8 of the Public Procurement Law I have made the corrective measures as follows:  …………………………………………………………………………  ……………………… ………………………….  (*Place and date) (signature of authorized person)* |

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***Załącznik nr 4 do SIWZ*** ***Attachment No.: 4***

***to Specification of Essentials***

***terms of the public contract***

|  |  |
| --- | --- |
| ………………………………….  *(miejscowość i data)*  **OŚWIADCZENIE O PRZYNALEŻNOŚCI DO GRUPY KAPITAŁOWEJ**  Przystępując do postępowania o udzielenie zamówienia publicznego na :  **Dostawę Generatora neutronów Deuter-Tryt (14 MeV) z cząstką stowarzyszoną (Associated Particle Neutron Generator) do Narodowego Centrum Badań Jądrowych w Otwocku – Świerku,** w imieniu  **………………………………………………………………………**  *(nazwa Wykonawcy)*   1. **Oświadczam, że nie należę /należę\*)  do tej samej grupy kapitałowej, w rozumieniu ustawy z dnia 16 lutego 2007r o ochronie konkurencji i konsumentów (Dz.U. z 2019 r, poz. 369 ze zmianami), razem z innym wykonawcą/wykonawcami, którzy złożyli oferty w niniejszym postępowaniu.**   **lub**   1. **Oświadczam, że nie należę do żadnej grupy kapitałowej w rozumieniu ustawy z dnia 16 lutego 2007r o ochronie konkurencji i konsumentów (Dz.U. z 2019 r, poz. 369 ze zmianami).**   *(\*) – niepotrzebne skreślić*  *Ad. pkt.1 W przypadku przynależności do tej samej grupy kapitałowej Wykonawca może złożyć wraz z oświadczeniem dokumenty lub informacje potwierdzające, że powiązania z innym wykonawcą nie prowadzą do zakłócenia konkurencji w postępowaniu o udzielenie zamówienia.*  *Ad.pkt.2 W przypadku nie przynależności do żadnej grupy kapitałowej proszę skreślić pkt.1.*    ..............................................  *(podpis osoby uprawnionej*  *do reprezentacji Wykonawcy)* | …………………………………………………. (place and date)  **STATEMENT OF BELONGING TO CAPITAL GROUP**  Entering into the contract award procedures for the:  **Delivery sealed 14 MeV neutron generator with the associated particle capability to the National Centre for Nuclear Research in Otwock – Świerk, Poland,** on behalf of  **…………………………………………………………………………** (name of Contractor)   1. **I declare that do not belong/belong \*)**   **to the same capital group in the meaning of the Law of 16.02.2007r of competition and consumer protection (Journal of Laws of 2019 item 369 with amandements) together with other contractor/contractors, which submitted the offers in this public contract procedure**  **or**   1. **2. I declare that do not belong to any capital group in the meaning of the Law of 16.02.2007r of competition and consumer protection (Journal of Laws of 2019 item 369 with amandements)** 2. (\*) - Delete as appropriate  *Ad. 1 In case of belonging to the same capital group, Contractor may submit together with the statement, some documents or some information confirming that the relationship with another contractor does not lead to some distortion of competition in the contract award procedure.*   Ad.2 In case do not belong to any capital group please delate point 1.  .................................................   *(signature of authorized person*) |